Berkeley Lab

Signage and Public Information Standards Manual

Volume 1: Interior Signage

Version 2.0.1
1.25.00

Studio L'Image

Contents

Volume 1: Interior Signage

(continued)

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Preface

Interior Standards
The interior signage system is in the process of being installed lab-wide. Materials, finishes, and colors will be required to match existing system components to a high degree of exactitude, subject to the approval of the design team. This document addresses the standards in detail. Any questions regarding colors, finishes, or fabrication details should be directed to the design team.

Art Creation
Vendors will be responsible for setting type to specifications provided. Design team will be responsible for providing artwork for maps, arrows, pictographs, logos and symbols used in the signage. Vendor should inform the design team of any format requirements or preferences.

Changes
The specifications in this document supercede all previous documents.

Design Team
Questions about the specifications in this document may be addressed to the design team:

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Copyright Statement

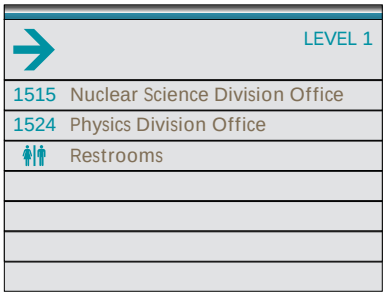
Interior Signage Conventions

Interior

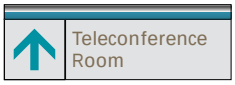
Directional

Scale 1:10

Directional Primary
Code: DP
Module Type: F



Directional Secondary
Code: DS
Module Type: G



Directional Tertiary
Code: DT
Module Type: H

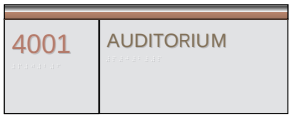
Scale 1:20

Directional Primary, Ceiling
Code: DPC
Module Type: P

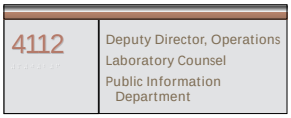
Directional Secondary, Ceiling
Code: DSC
Module Type: Q

Identification

Scale 1:10



Identification Primary, ADA Text
Code: IPA
Module Type: D

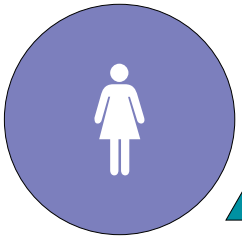


Identification Primary, Number
Code: IPN
Module Type: D

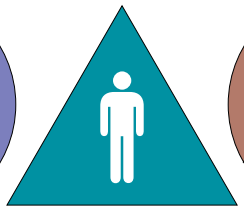
Identification Secondary
Code: IS
Module Type: E

Identification Tertiary
Code: IT
Module Type: C

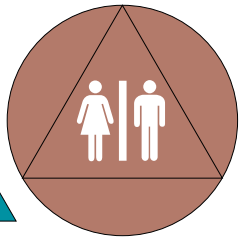
Identification Tertiary
Code: IT
Module Type: S



Identification Women
(Title 24)
Code: IW
Module Type: K



Identification Men
(Title 24)
Code: IM
Module Type: J



Identification Unisex
(Title 24)
Code: IU
Module Type: L

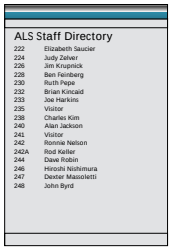
Identification Stairwell
Code: ISW
Module Type: N

Interior

Informational

Scale 1:10

Informational Primary
Code: NP
Module Type: M

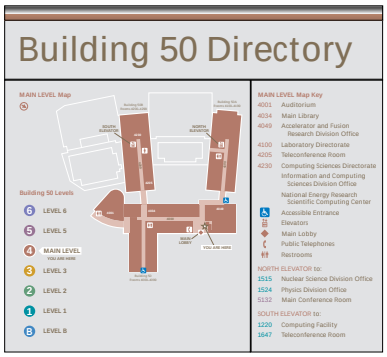


Informational Secondary
Code: NS
Module Type: O

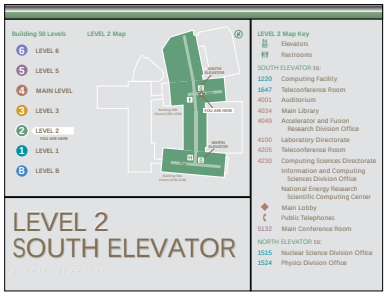
Informational Tertiary, Building
Code: ITB
Module Type: C

Orientation

Scale 1:10



Orientation Primary
Code: OP
Module Type: A



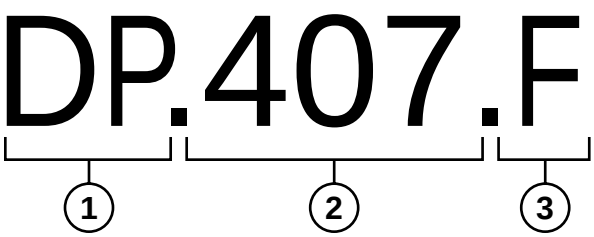
Orientation Secondary
Code: OS
Module Type: B

Orientation, Level Indicator
Code: OLI
Module Type: C

Orientation, Stairwell
Code: OSW
Module Type: N

Sign Unit Code Description

In the interior signage system, each sign unit is identified by a three-part code. The Sign Message Inventory list breaks out the code in the first three columns.



1. Function Code

Identifies functional type (1st character), hierarchy (2nd character) and/or detail differentiation (2nd/3rd character).

Functional Categories	*Detail Codes*
D = Directional	A = ADA Text
I = Identification	B = Building
N = Informational	N = Numeric
O = Orientation	M = Men
Hierarchy	W = Women
P = Primary	U = Unisex
S = Secondary	LI = Level Indicator
T = Tertiary	SW = Stairwell

Examples of use:

DP = Directional, Primary
OLI = Orientation, Level Identification
IPN = Identification, Primary, Numeric
IPA = Identification, Primary, ADA Text

2. Sign Number*

Uniquely identifies each individual sign. First digit is Level Number; on the map of a given level the sign placement is indicated by the significant digits only.

000 = Level B	400 = Level 4
100 = Level 1	500 = Level 5
200 = Level 2	600 = Level 6
300 = Level 3	…etc.

3. Module Type

The system consists of various module types, designated alphabetically as A, B, C, and so on. Each module type defines a particular sign dimension and layout. Any one module type may be used for multiple functions, with the difference being the content of the discrete panels. Construction of each module type is described in Section 3.00. Specifications common to all modules are covered in this section.

*Special Case: *In the case of a restroom where an ADA compliant module is placed next to the door and a Title 24 compliant sign is placed on the door, this pair is identified with a single number; for example IT.104.C and IM.104.J. Also note that building number must be specified; see 4.00.*

Sign Module Type Listing

CODE	DESCRIPTION	MODULE TYPE
OP	Orientation, Primary	A
OS	Orientation, Secondary	B
OLI	Orientation, Level Indicator	C
OSW	Orientation, Stairwell	N
IPA	Identification, Primary (ADA Text)	D
IPN	Identification, Primary (Numeric)	D
IS	Identification, Secondary	E
IT	Identification, Tertiary	C
ISW	Identification, Stairwell	N
IM	Identification, Men (Title 24)	J
IW	Identification, Women (Title 24)	K
IU	Identification, Unisex (Title 24)	L
DP	Directional, Primary	F
DPC	Directional, Primary (Ceiling)	P
DS	Directional, Secondary	G
DSC	Directional, Secondary (Ceiling)	Q
DT	Directional, Tertiary	H
NP	Informational, Primary	M
NS	Informational, Secondary	O
NTB	Informational, Tertiary (Building)	C
NR	Informational, Regulatory	N

Color Code Description

A fundamental feature of the signage system is the convention of Level (or Building) Color Codes. In certain large buildings each level is assigned a distinctive color. Within each sign unit, items such as the Header Strip, room numbers, and pictographs are called out in the code color for that particular level. In other buildings, various wings or areas may be assigned different signage colors for wayfinding purposes. Other buildings may consist of only one level, or feature one color for all levels; therefore all signs share the same Level Color. Section 4.00 of this volume details the color systems for all buildings for which a signage program has been implemented. New programs being contemplated should have the wayfinding needs analyzed in the planning stages before any color choices are finalized.

The Color Code List on the following page shows the complete interior signage color system. Not all colors may be required for any particular implementation. The module description pages provide specific information about individual signs.

Color of Level

In the module description pages in this document, "color of level" refers to the *assigned color* for the particular building, wing, or level in which the sign is located; i.e., when color C(L) is indicated, refer to the Color Code List for that particular building in section 4.00.

In the case of the orientation maps, these color details will be included in the digital art files. However, this convention also affects individual message strips on directional units, as indicated in the module descriptions, as well as the details noted in the first paragraph.

Color Code List

CODE	COLOR SPEC	FUNCTION
C1	Matthews Nuance 13A-3P Alabaster	Sign base color
C2	Pantone Warm Gray 11	Default message type color (unless noted)
C(L)	Color (of Level)	Abbreviation used in module layout pages to indicate elements that vary in color according to level
C(L)S	Secondary Color (of Level)	Accent color based on Level Color; used in orientation maps for contrast
LB	Matthews 76B-4D Antioch Blue	Color
LBS	Matthews 76B-27T Breton	Secondary Color
L1	Matthews 57C-4D Airland Blue	Color
L1S	Matthews 57C-2T Aquamarine Blue	Secondary Color
L2	Matthews 44C-4B Polo Green	LColor
L2S	Matthews 44C-2T Village Green	Secondary Color
L3	Matthews 36B-4A Pigskin	Color
L3S	Matthews 36B-2D Harvest	Secondary Color
L4	Matthews 11B-4D Light Earth	Level Color
L4S	Matthews 11B-1P Country Way	Secondary Color
L5	Matthews 1C-4D Rich Plum	Color
L5S	Matthews 1C-2T September Glory	Secondary Color
L6	Matthews 72C-4D Violet Sequin	Color
L6S	Matthews 72C-2T Savon Star	Secondary Color
WH	White	Used in orientation maps and some pictographs
P300	Pantone 300 CV	Accessibility pictograph
P388	Pantone 388 CV	You Are Here symbol in orientation maps (alternate color)
P1375	Pantone 1375 CV	You Are Here symbol in orientation maps

Fabrication Details

Certain features that are used consistently throughout the system are described here, in order to avoid redundancy in the module description pages.

Sign Base Color and Finish

The background color for all sign components and panels (except Header Strips) is C1 (see Color Code, page 2.03.02). The finish for all colors (except Header Strips) is matte. Unless otherwise noted, all type and art is screen printed with a matte finsih. Applied vinyl type is not acceptable on interior signage.

Header Strip Color and Finish

All module types (except E and P) feature a Header Strip, consisting of a length of 3/4 inch (19mm) half-round aluminum bar, permanently mounted to the sign base. See page 2.04.02 for finish and paint specs.

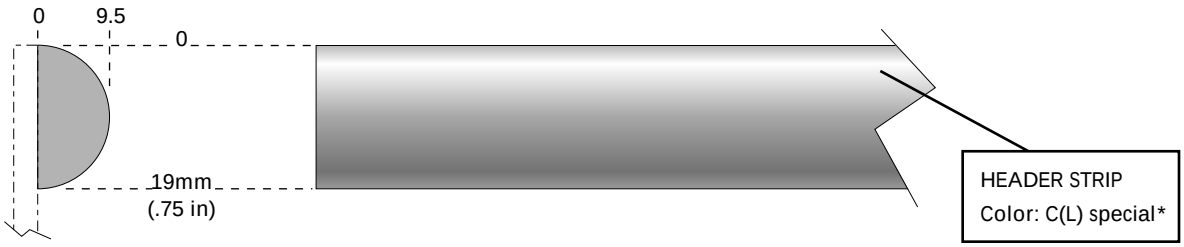
Permanent vs. Removable

In this document, if a component is described as being attached "permanently", it means that there is no functional reason why that component should need to be separated. Sign base panels are "permanently" attached to walls using foam tape and silicone adhesive. Header Strips are "permanently" attached to sign base panels using double-sided tape. Components described as "removable" are designed to be replaced from time to time, and need to be interchangeable without damage to the sign unit. "Removable" message panels are attached magnetically.

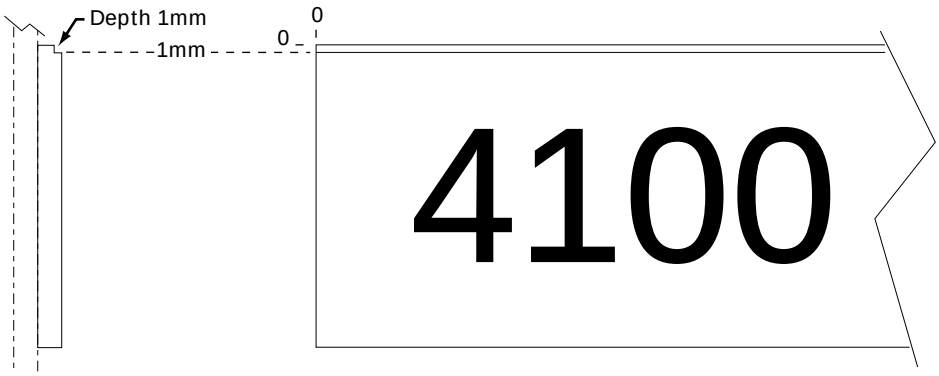
Dado Detail Description

Many module types include separate, often removable panels. Where these panels adjoin each other, the appearance of the junction is enhanced by a notch or dado cut, 1mm wide by 1mm deep, running along the edge of one of the panels. In the module descriptions, the presence of this detail is called out as "Dado/top" or "Dado/left", referring to the panel edge.

Header Strip



Dado Detail (single message strip shown)



Header Strip Fabrication

Header Strip Color and Finish

The header strips are formed of 3/4" aluminum half-round. In practice this is usually cut down from round bar stock. The brushed finish is created with an orbital sander using 80# sandpaper. The brushed finish covers the curved surface and the cut ends of the header strip.

The special transparent colors are created using the urethane enamel color system Kosmic Kolor by House of Kolor. All parts are pre-coated with House of Kolor Adherto AP-01.

The general paint formulas are shown below.

A sample board is available from the design team to aid in matching the existing colors and finish. Formulas and ratios may need slight adjustment by eye to match provided color samples. Paint application should be monitored carefully to avoid oversaturation of color through buildup of transparent paint.

Note: unlike the provided color samples, the cut ends of the header strips should be brush-finished and painted.

Header Strip Paint Formulas

LB (Antioch Blue)	Cobalt Blue UK-05
L1 (Airland Blue)	14 parts Teal UK-15, 4 parts Organic Green UK-09, 1 part Pagan Gold UK-12
L2 (Polo Green)	8 parts Organic Green UK-09, 1 part Pagan Gold UK-12
L3 (Pigskin)	64 parts Pagan Gold UK-12, 2 parts Apple Red UK-11, 1 part Purple UK-10
L4 (Light Earth)	32 parts Apple Red UK-11, 10 parts Pagan Gold UK-12, 1 part Teal UK-15
L5 (Rich Plum)	Purple UK-10
L6 (Violet Sequin)	8 parts Purple UK-10, 4 parts Cobalt Blue UK-05
Paint Ratio	*2 parts base color, 1 part reducer, 1 part flattening agent*

Typography

The type family specified for all signs is Frutiger. Frutiger Roman is the standard weight and is used on all modules. Orientation modules also use Frutiger Bold for some titles and callouts. Type size specification for specific signs are given in the Module Description pages.

Frutiger Roman

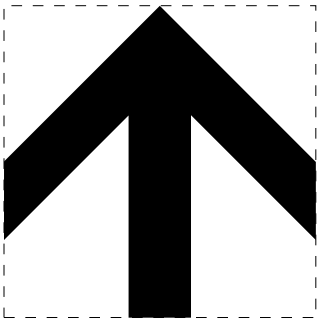
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789.,:/?

Frutiger Bold

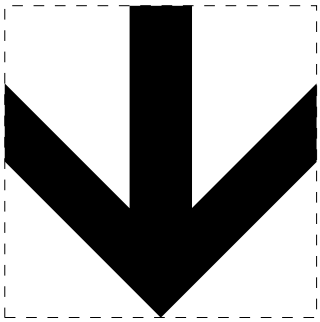
ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789.,:/?

Arrow Art

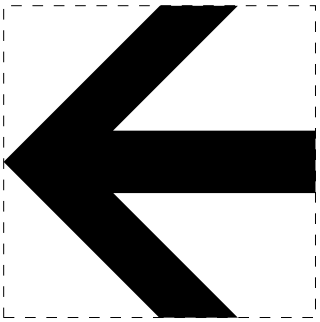
The arrow symbol used throughout the system has been specifically designed to harmonize with the chosen typefaces. The signage vendor should use the arrow art as shown on this page and supplied as digital art on disk.



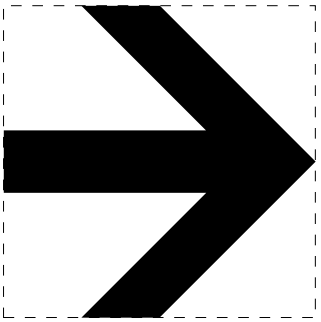
Up



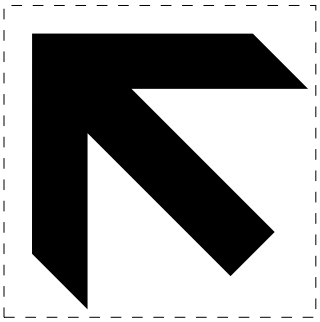
Down



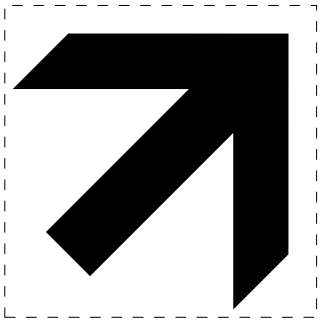
Left



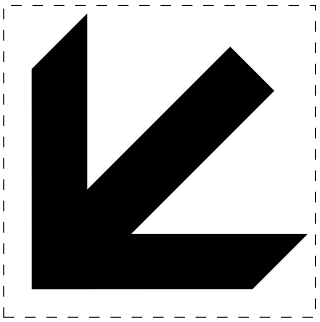
Right



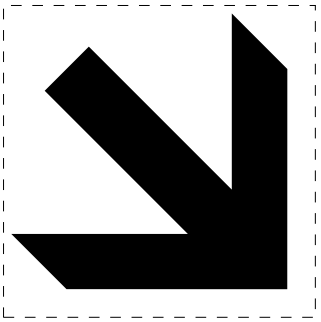
Up Left



Up Right



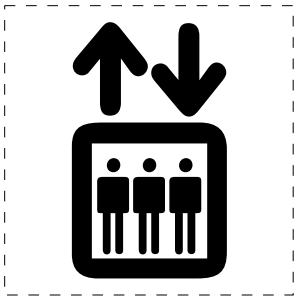
Down Left

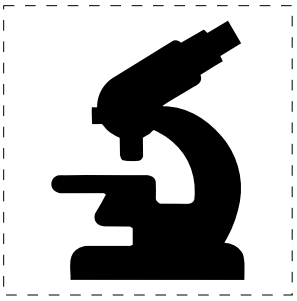


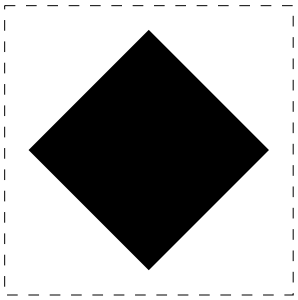
Down Right

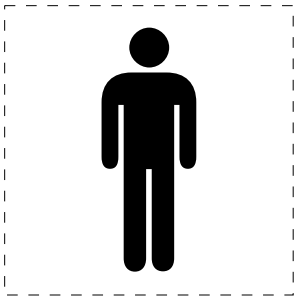
Pictographs


Accessibility

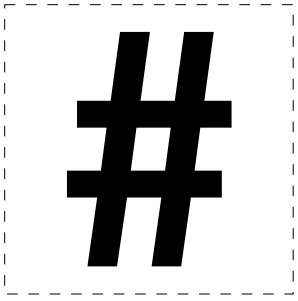

Elevator

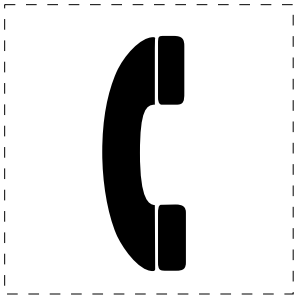

Laboratory

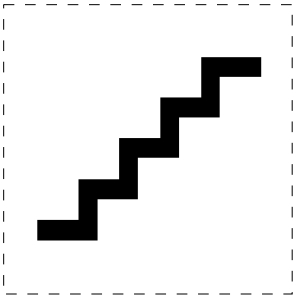

Main Lobby

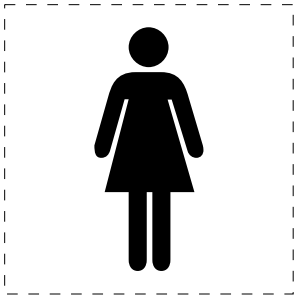

Men's Restroom


Restrooms


Rooms (by Number)


Telephone


Stairs


Women's Restroom

General Description

The mounting specifications for the interior sign system are designed to achieve visual consistency among the various sizes and types of sign modules. For this purpose the modules are divided by size into groups. Within each group there is a single mounting height specification.

The following pages illustrate the mounting specifications for each of the module types, arranged by groups. Specific horizontal placement instructions are shown where applicable.

Group I
Module types in Group I include A, B, F, G, H, M, N, and O. The mounting specification is designed to align the header strips at the top of each of these units. Group I modules are top aligned to a mark 1840mm from the floor level.

One exception to this specification occurs where a module A orientation map is located adjacent to a marked accessible entrance. In this circumstance the sign unit is mounted at a wheelchair-accessible height, with the top aligned at 60 inches (1524mm).

Group II
Module types in Group II include C, D, E, and S. The mounting specification is designed to align the tactile lettering and Braille type on each of these units close to the reference height of 60 inches. Group II modules are bottom aligned to a mark 1461mm from the floor level.

Group III
Module types in Group III are K and L. The mounting specification is designed to center the pictographs on each of these units on the reference height of 60 inches. Group III modules are top aligned to a mark 1676mm from the floor level.

Group IV
The only module type in Group IV is J. The mounting specification is designed to center the pictograph on this unit with that on the units in Group III, at the reference height of 60 inches. Group IV modules are top aligned to a mark 1680mm from the floor level.

Group V
Group V includes module types P and Q. The mounting specification for these overhead units is necessarily dependent on site constraints such as ceiling height, and will be individually specified for each application. Group V modules have a minimum height specification for the bottom edge at 2134mm (7 feet) from the floor level.

Horizontal Placement
Sign modules that are associated with doors, including types C (IT), D, E, N, and S, are positioned two inches away from the door edge trim on the latch side of the door. Modules associated with elevator doors, typically B and sometimes C, are generally positioned 2 inches from the elevator door surround on the right hand side, but may be placed on the left if necessary due to space constraints. Where the wall section adjacent to the elevator is particularly narrow (less than 3 feet), it may be visually more attractive to center the module in the available space.

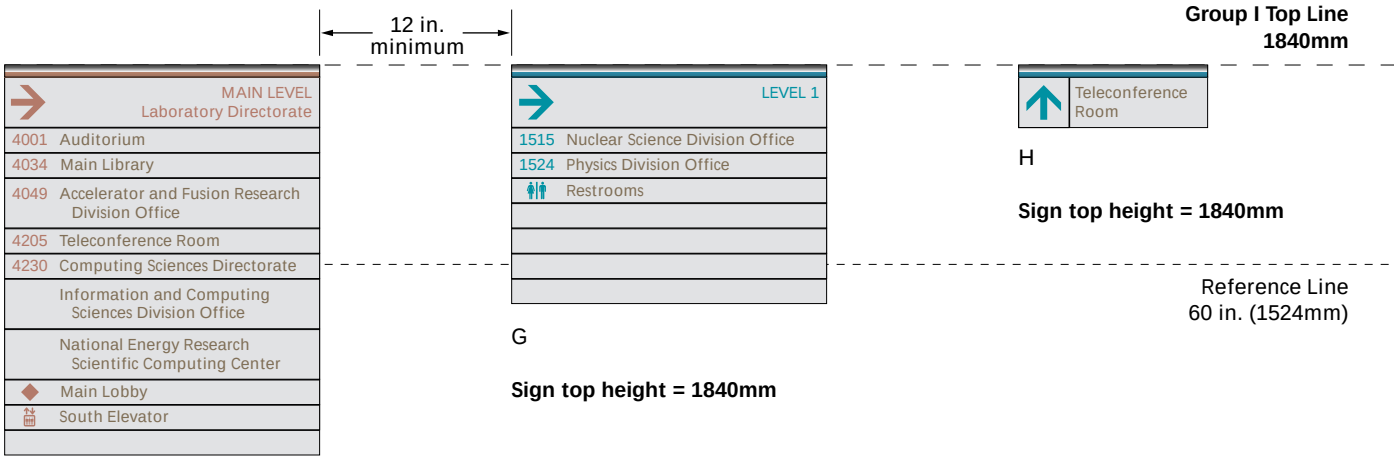
Sign modules that are not associated with features such as doors and elevators include A, C (OLI), F, G, H, M, N, and O. The placement of these modules is generally determined by their content, but certain guidelines should be followed. Wherever possible, new sign units should be placed no closer than 12 inches to existing signs or other wall-mounted obstacles such as fire extinguishers, etc. The absolute minimum distance between adjacent signs is two inches. Neighboring sign units should never directly touch each other.

Many directional sign units are positioned near corners; the standard distance from the corner is six inches, and the minimum is two inches. Larger units, such as A, F, G, and M, are frequently best placed in the center of a section of wall between doors, windows, bulletin boards, and other interruptions, so long as the position meets messaging requirements.

Group I Directional Modules F, G, H

Elevation

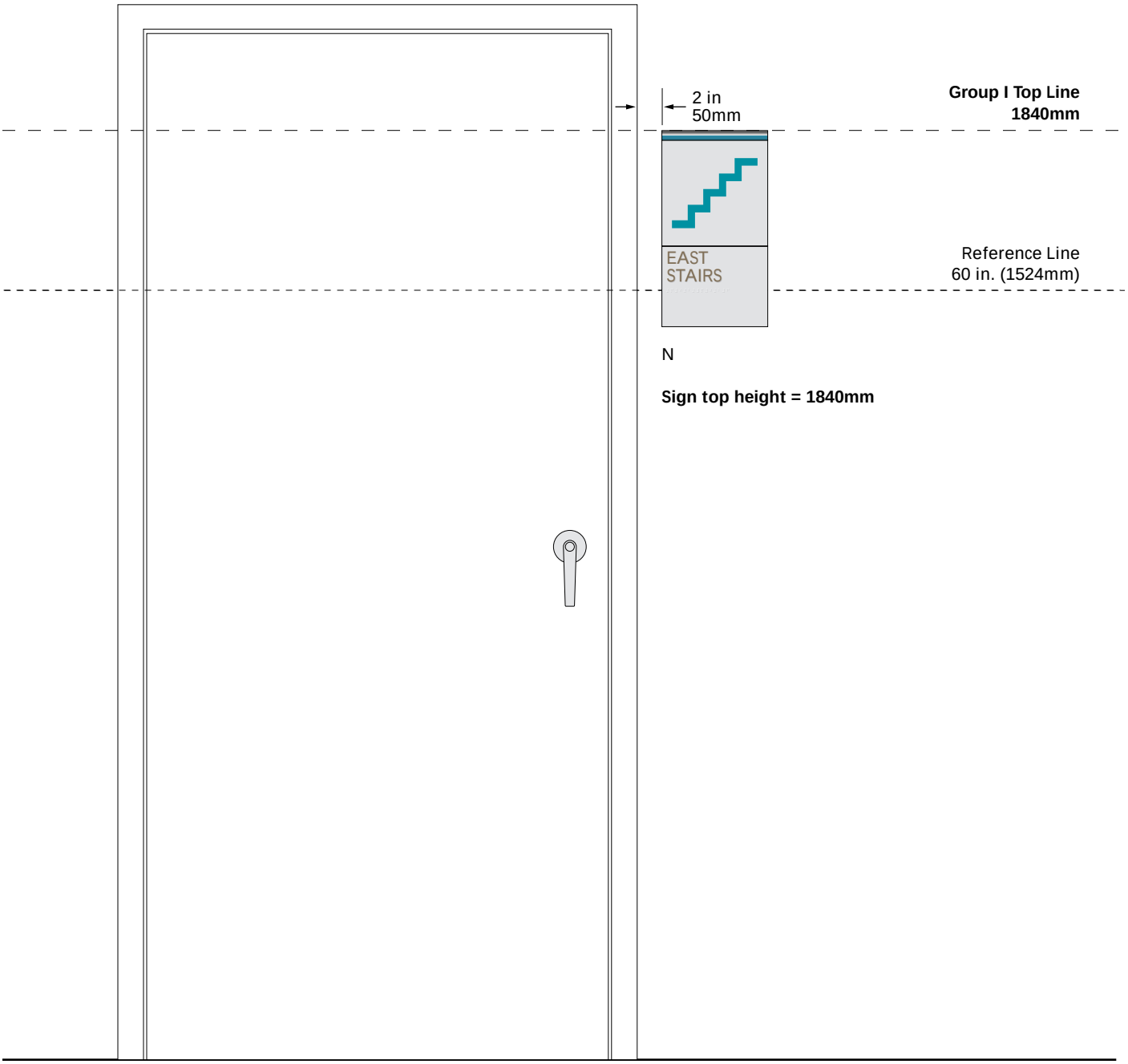
Scale 1:12



Group I
Identification
Module N

Elevation

Scale 1:12



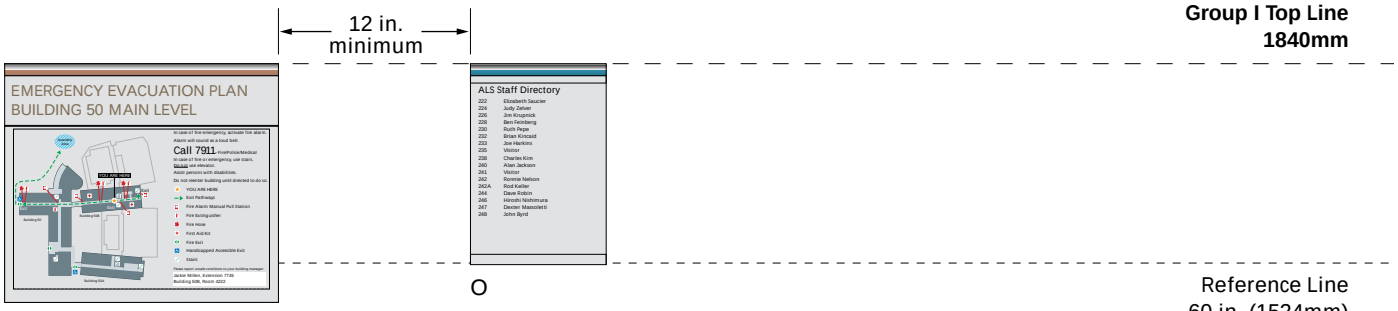
N

Sign top height = 1840mm

Group I
Informational
Modules M, O

Elevation

Scale 1:12



M

Sign top height = 1840mm

O

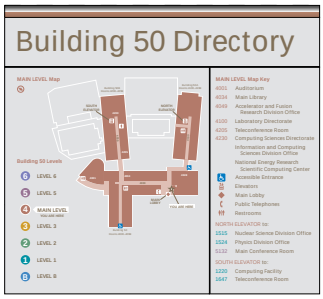
Sign top height = 1840mm

Group I Orientation Module A

Elevation

Scale 1:12

Group I Top Line
1840mm

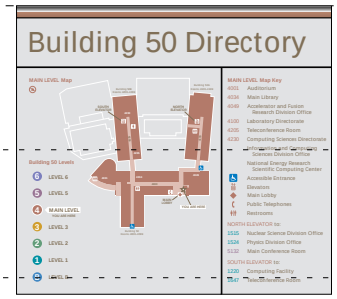


A

Sign top height = 1840mm

Reference Line
60 in. (1524mm)

Eye level for wheelchair users:
1090–1295mm (43–51 in)



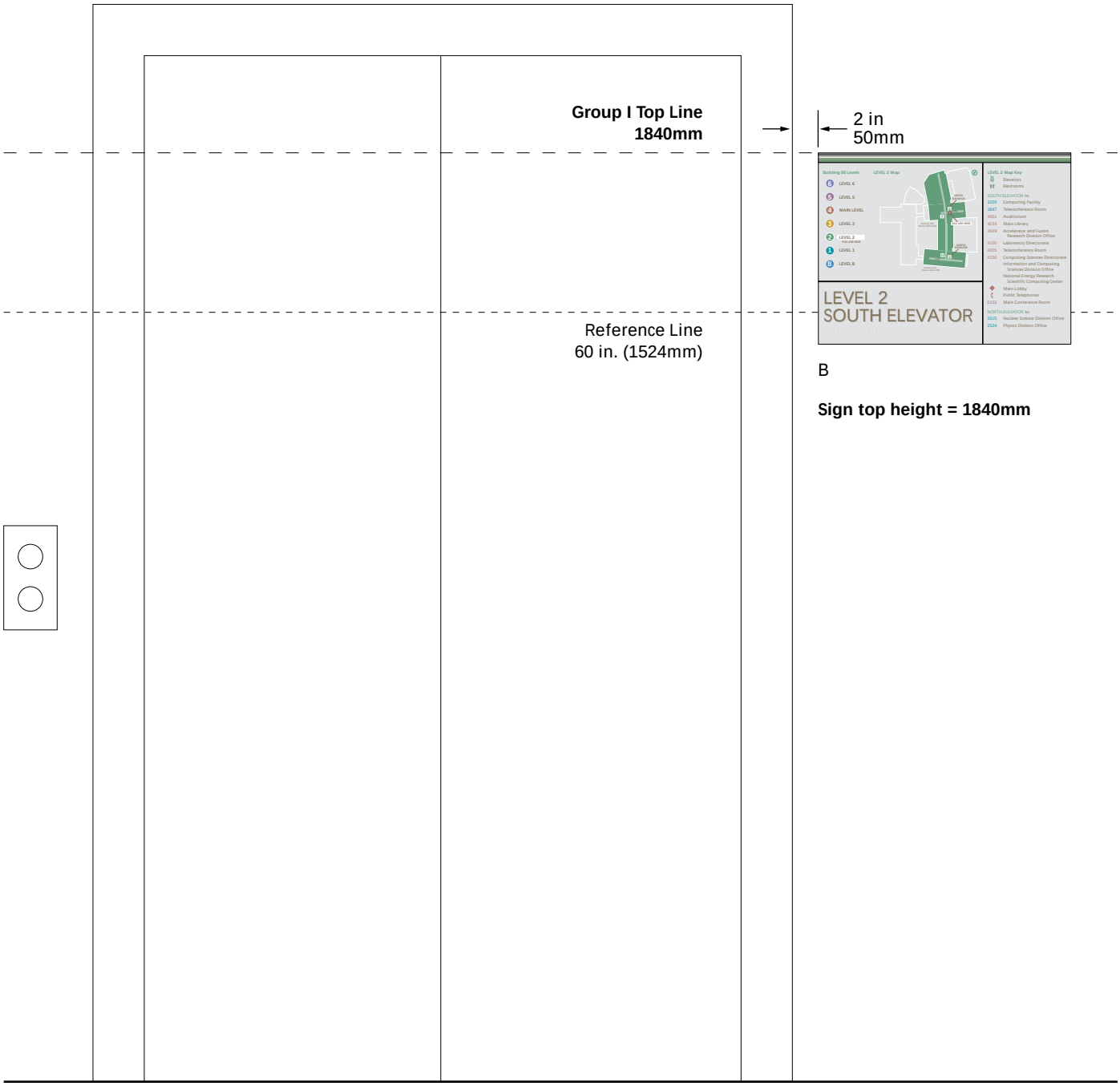
A (at accessible entrance)

Sign top height = 1524mm

Group I
Orientation
Module B

Elevation

Scale 1:12



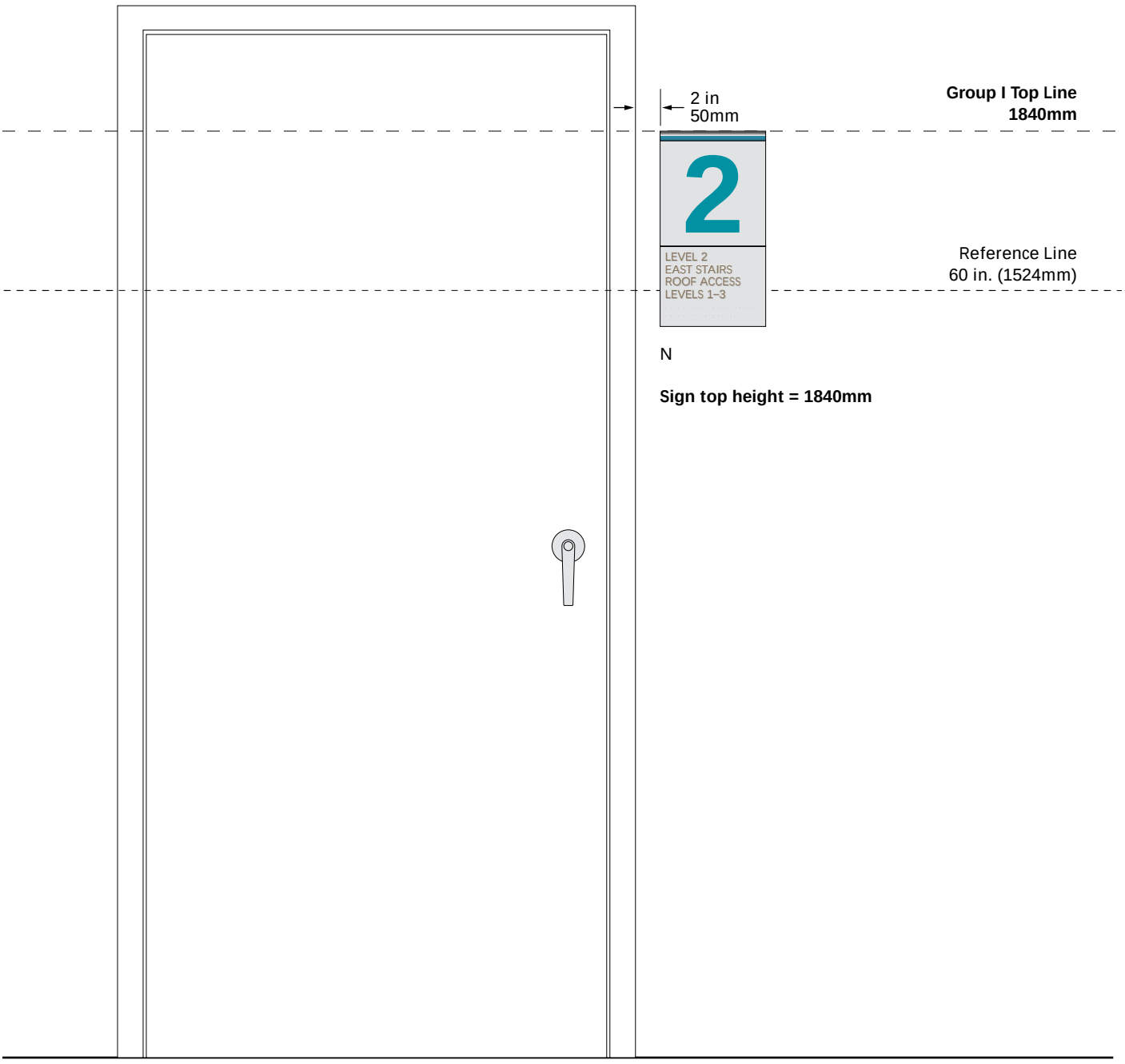
B

Sign top height = 1840mm

Group I
Orientation
Module N

Elevation

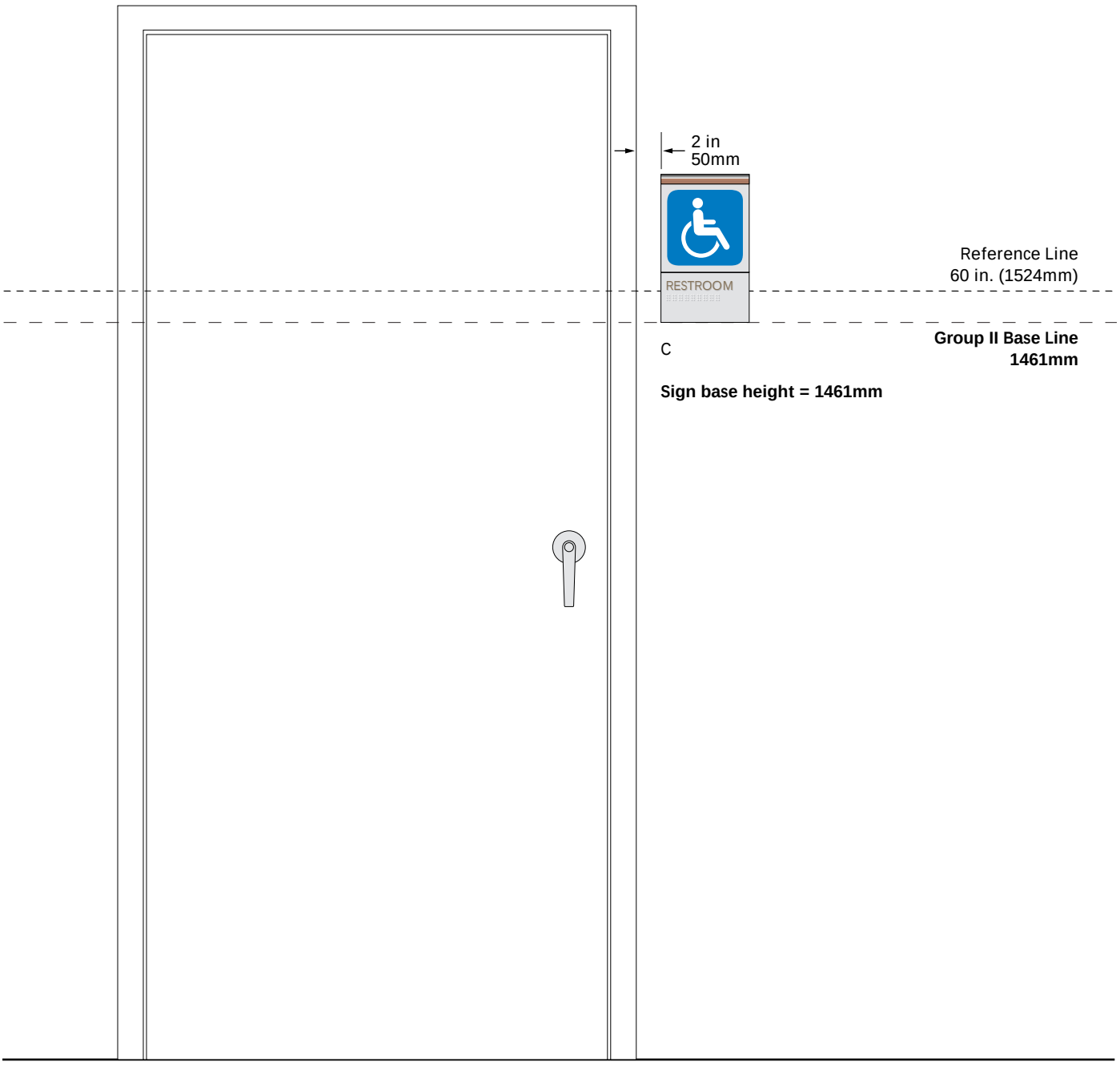
Scale 1:12



Group II Identification Module C

Elevation

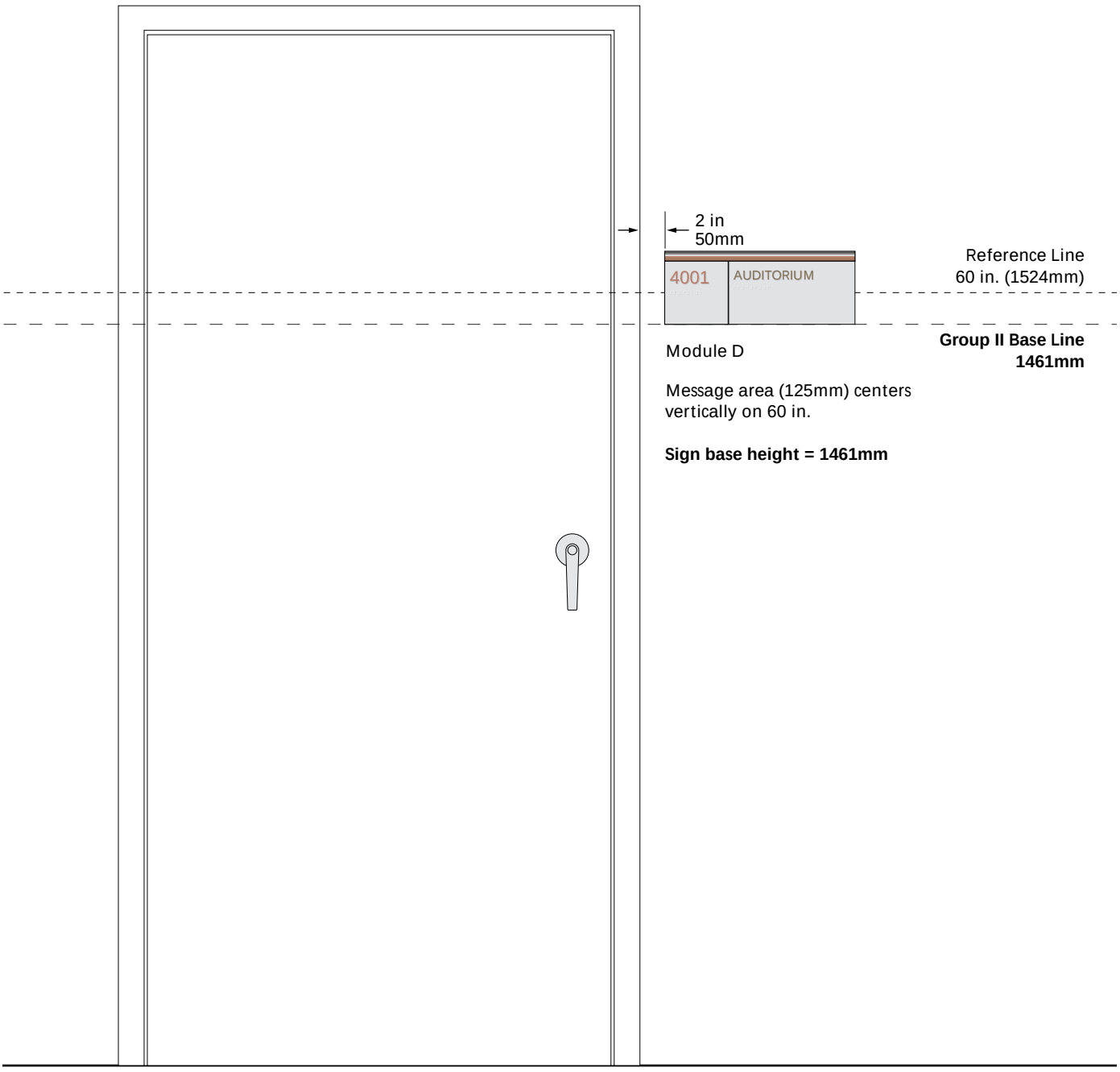
Scale 1:12



Group II Identification Module D

Elevation

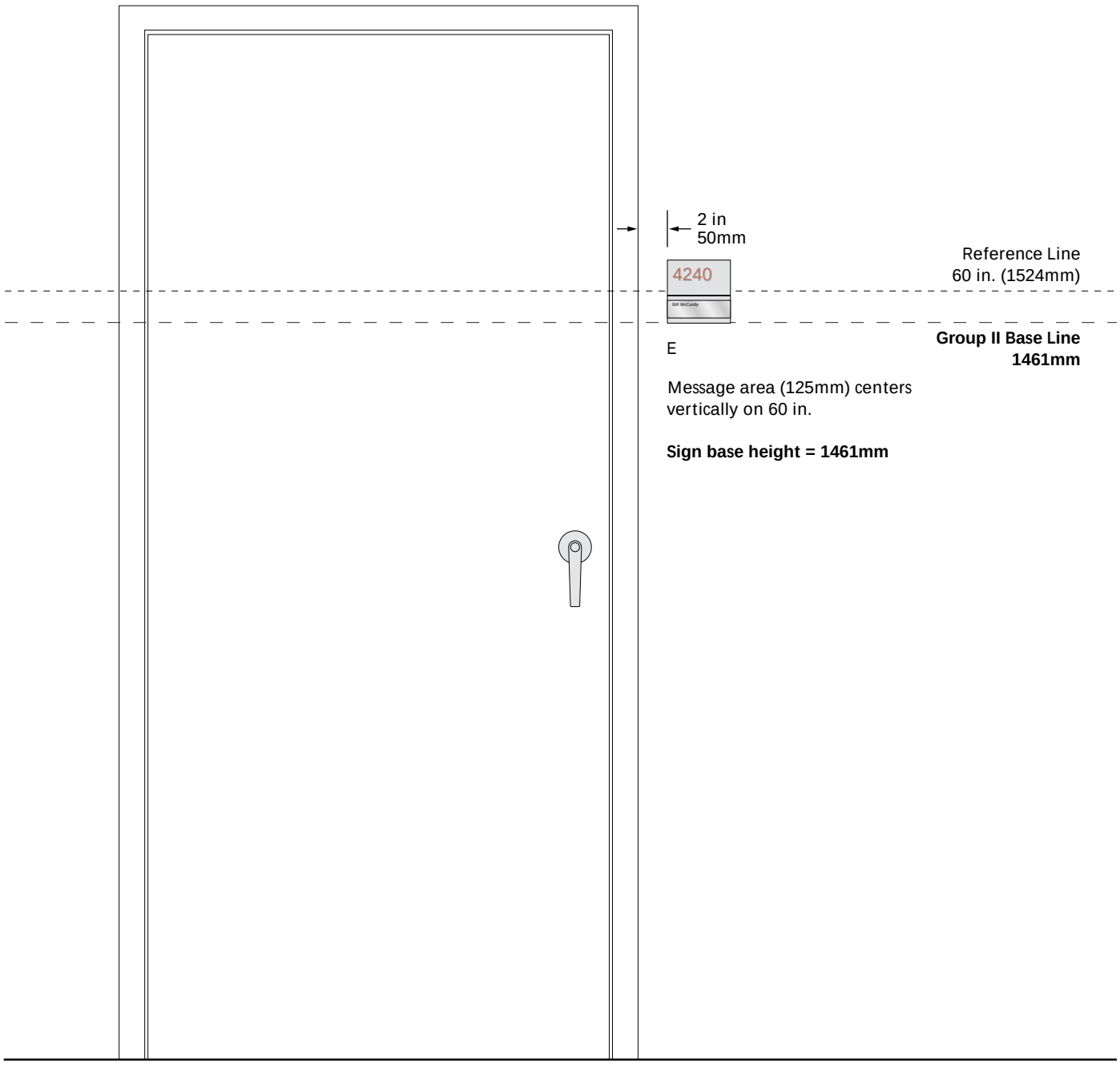
Scale 1:12



Group II Identification Module E

Elevation

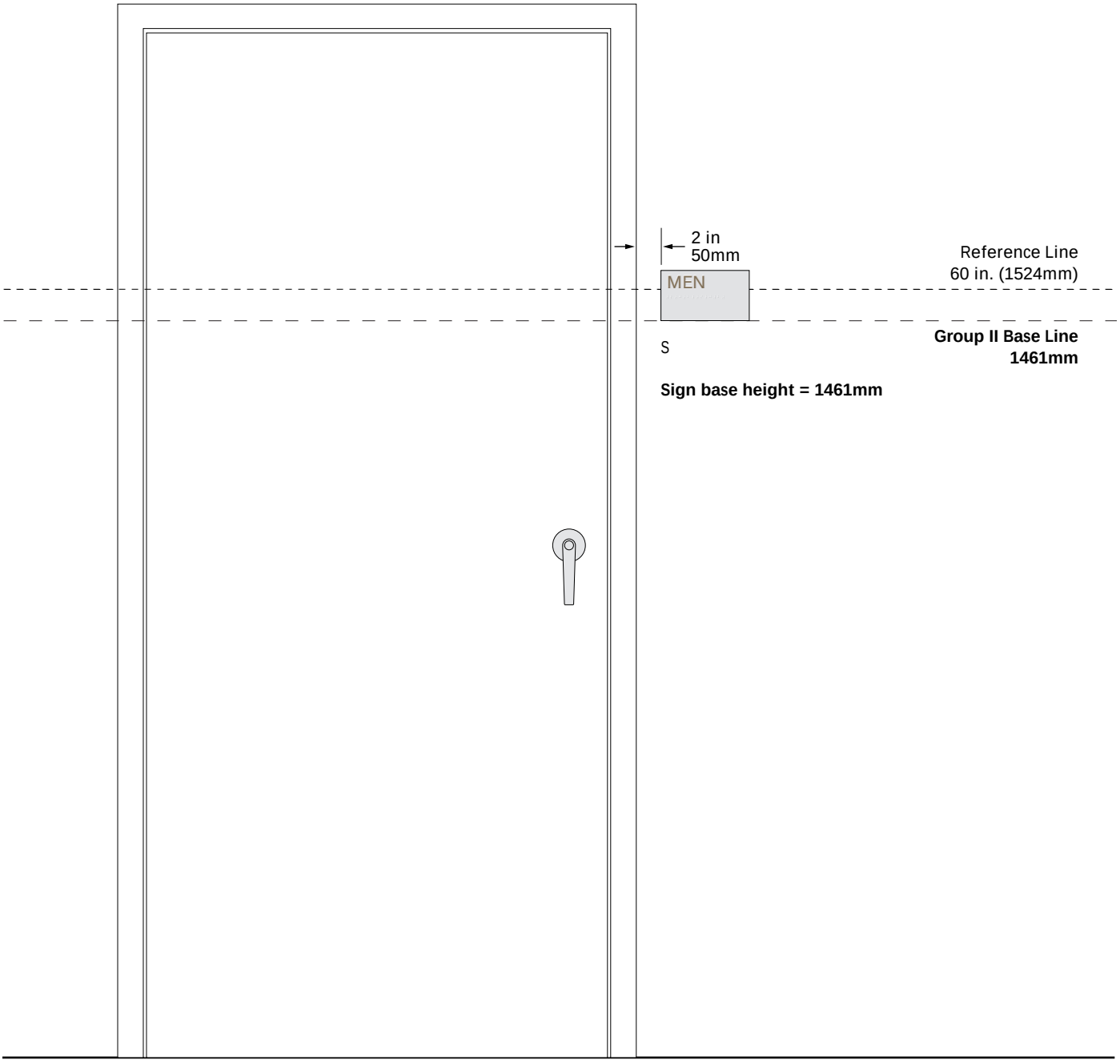
Scale 1:12



Group II Identification Module S

Elevation

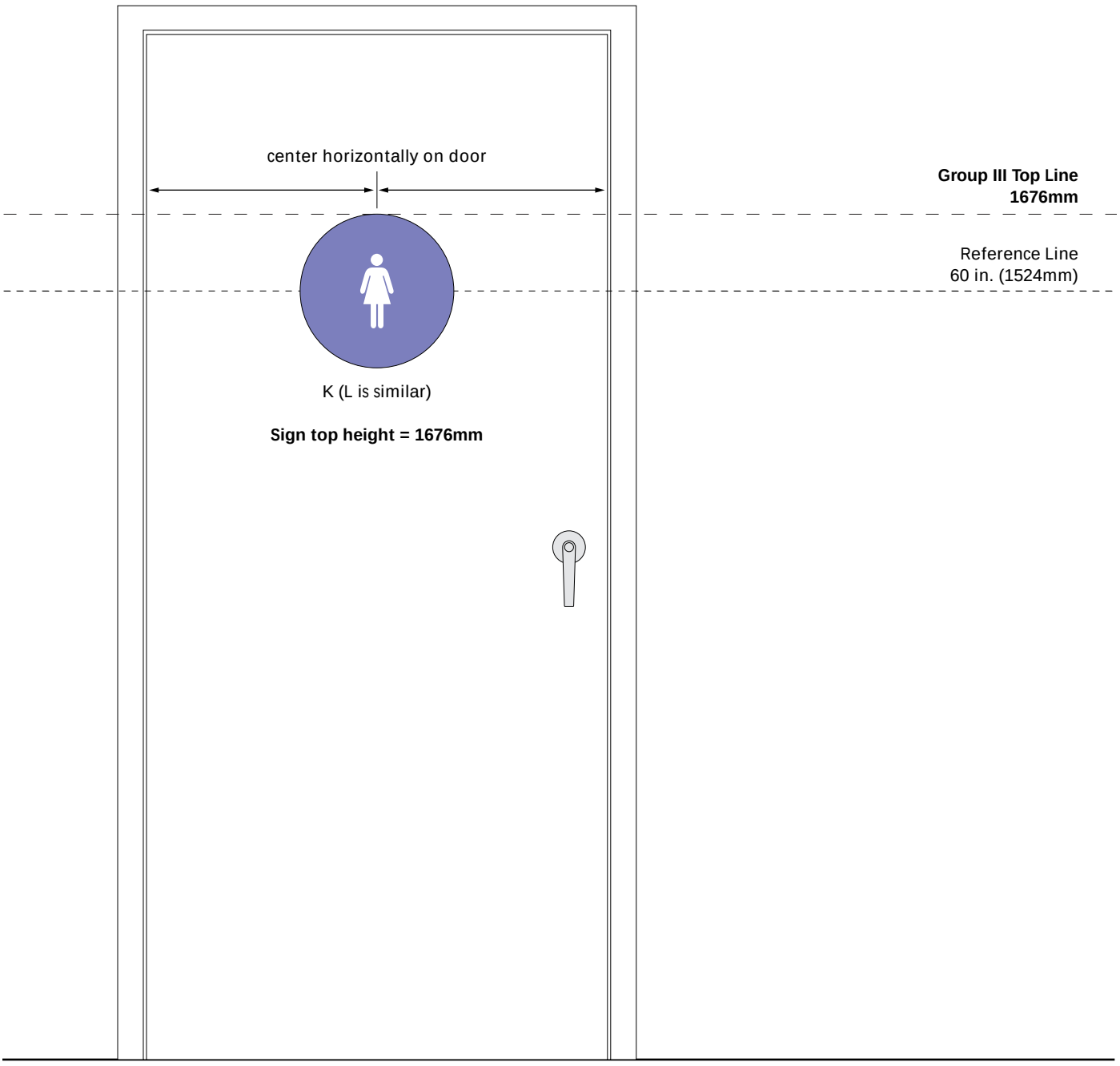
Scale 1:12



Group III Identification Module K, L

Elevation

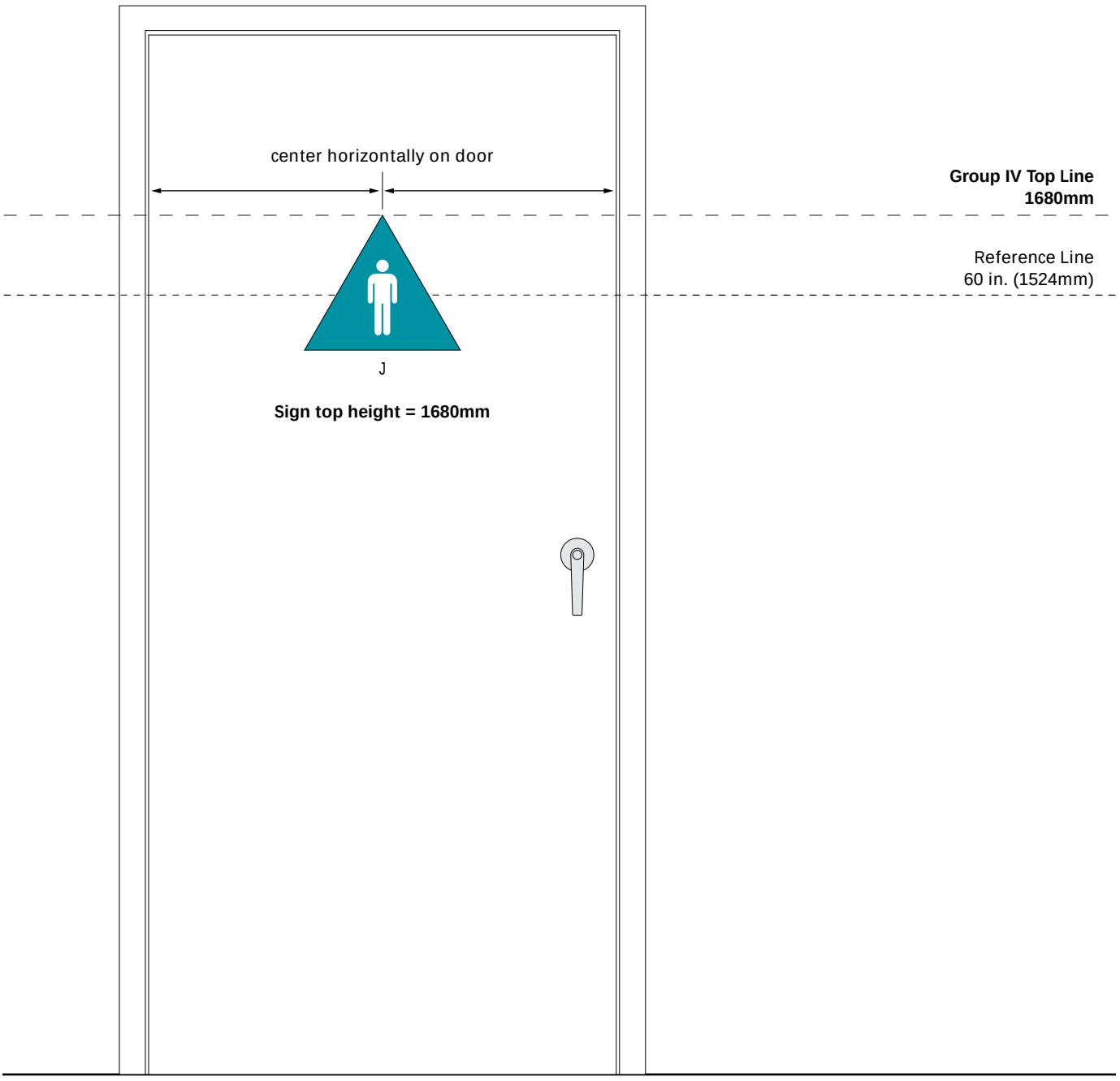
Scale 1:12



Group IV Identification Module J

Elevation

Scale 1:12



Group V
Directional
Module P

Elevation

Scale 1:12

Group V Directional Module Q

Elevation

Scale 1:12

Q

Group V Minimum 2134mm

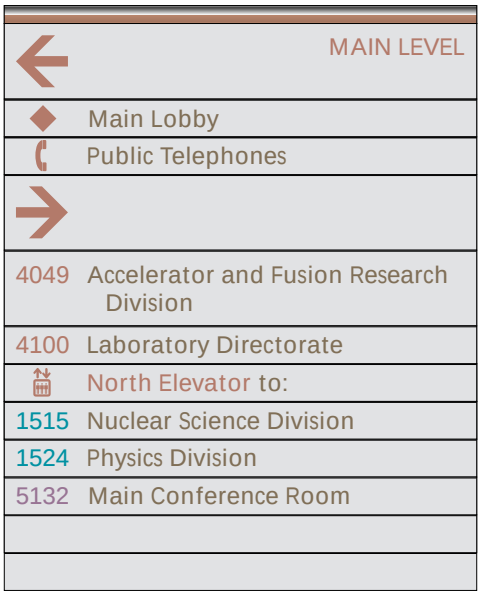
Sign height = site specific

Reference Line
60 in. (1524mm)

Interior Module Descriptions

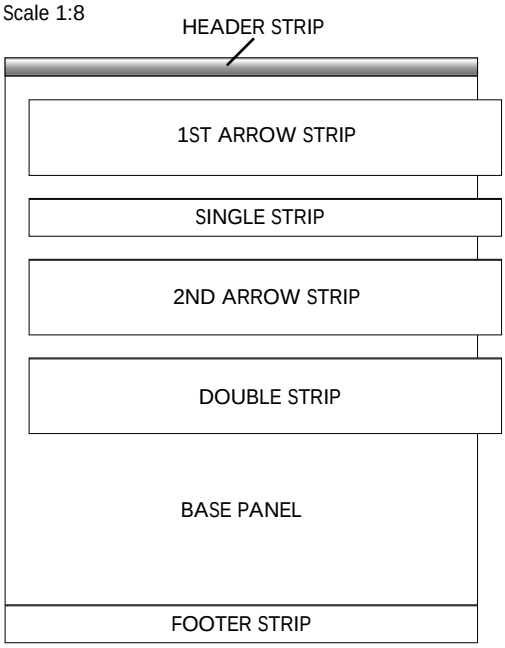
Module F
Directional Primary
DP.000.F

Module F is used exclusively for directional information. It consists of a Base Panel and Header Strip to which are added various combinations of Arrow Strips and Single or Double message strips, as needed. "Leftover" space after all messages are accommodated is filled with blank Single Strips. The Footer Strip is a blank Single Strip attached to "finish" the bottom edge. The Footer Strip is always left blank and clear of message.



Module F Construction

Scale 1:8



DP.000.F

Module F Dimensions

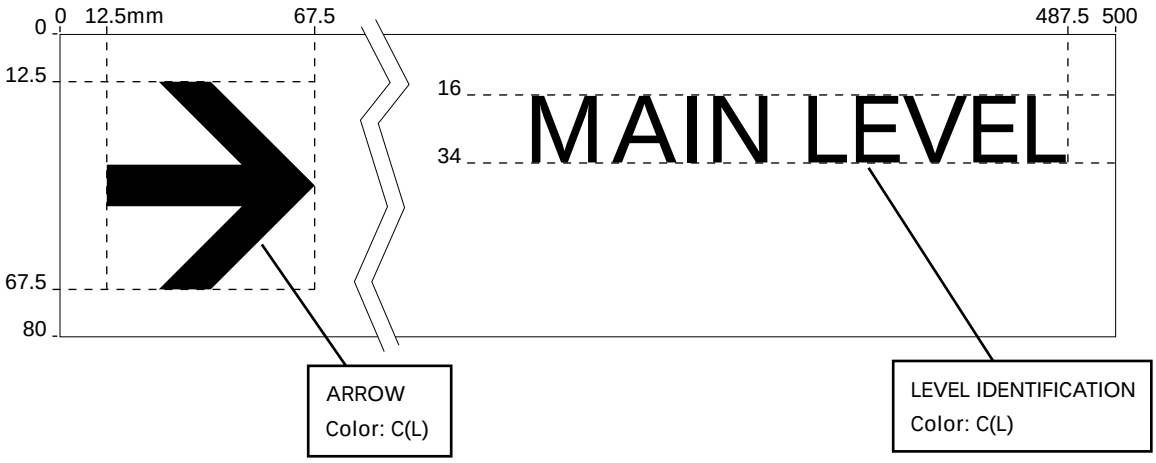
PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	500 x 619*	1/8" acrylic		Permanent
Header Strip	500 x 19	3/4" aluminum half-round		Permanent
1st Arrow Strip	500 x 80	1/8" acrylic		Removable
2nd Arrow Strip	500 x 80	1/8" acrylic	Dado/top	Removable
Single Strip	500 x 40	1/8" acrylic	Dado/top	Removable
Double Strip	500 x 80	1/8" acrylic	Dado/top	Removable
Footer Strip	500 x 40	1/8" acrylic	Dado/top	Removable

* Note: In one case, where the presence of permanent wall-mounted hardware conflicted with proper sign placement, it was found expedient to shorten the Base Panel and use fewer message strips (9 instead of 12). This is allowable so long as: 1) the Base Panel is shortened in 40 mm increments; 2) the Footer Strip is left blank; and 3) the mounting height measured from the top of the sign remains consistent.

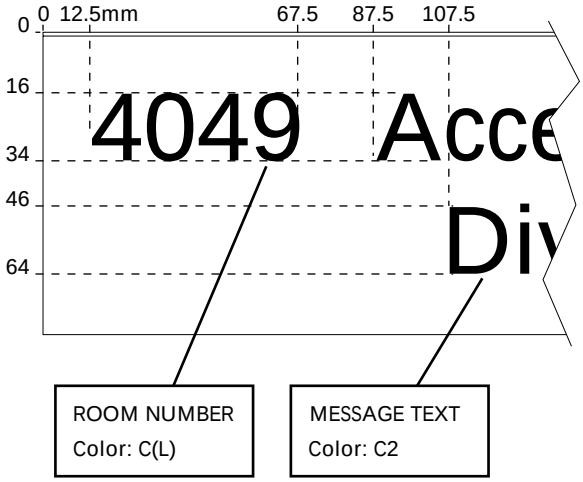
Module F
Graphic Specifications

Scale 1:2

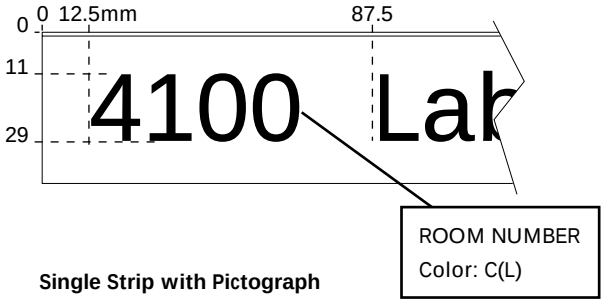
1st Arrow Strip



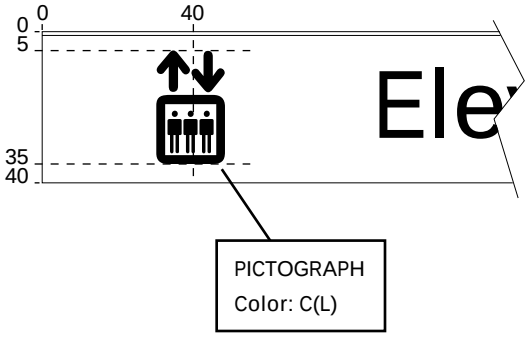
Double Strip



Single Strip



Single Strip with Pictograph

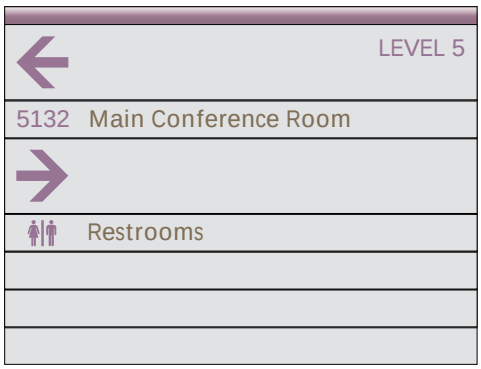


Module G
Directional Secondary
DS.000.G

Module G is used exclusively for directional information. It consists of a Base Panel and Header Strip to which are added various combinations of Arrow Strips and Single or Double message strips, as needed. “Leftover” space after all messages are accommodated is filled with blank Single Strips. The Footer Strip is a blank Single Strip attached to “finish” the bottom edge.

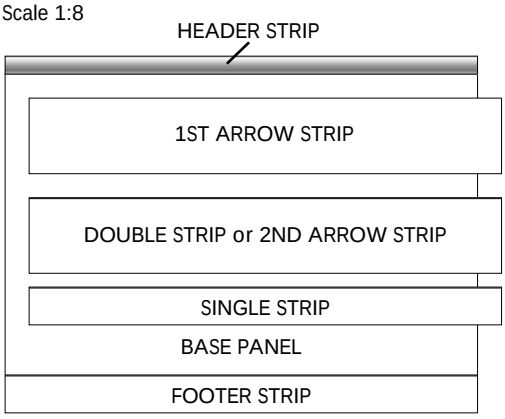
Module G is identical to Module F except for its vertical dimension. Module G is used in cases where there are six or fewer lines of messages.

See page 3.01.06 for details.



Module G Construction

Scale 1:8



DS.000.G

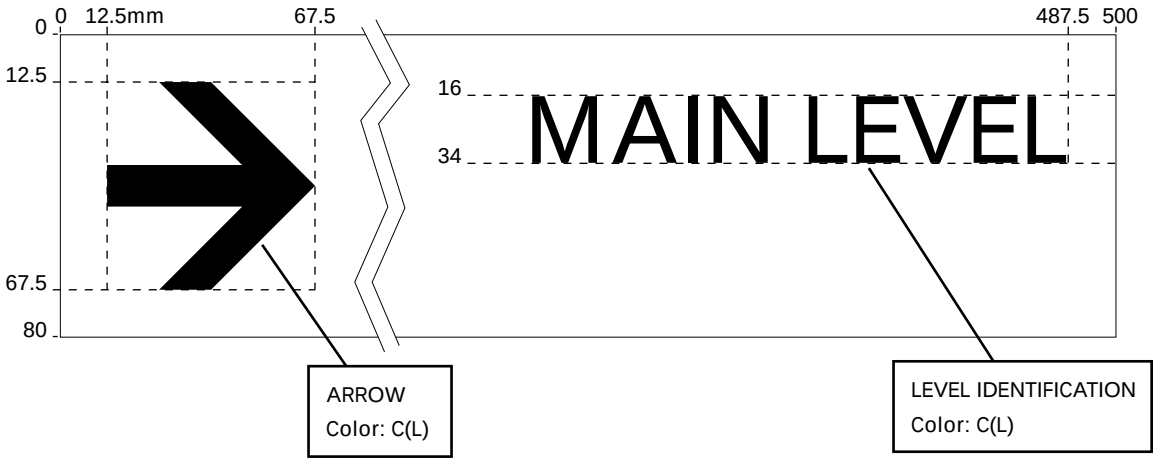
Module G Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	500 x 379	1/8" acrylic		Permanent
Header Strip	500 x 19	3/4" aluminum half-round		Permanent
1st Arrow Strip	500 x 80	1/8" acrylic		Removable
2nd Arrow Strip	500 x 80	1/8" acrylic	Dado/top	Removable
Single Strip	500 x 40	1/8" acrylic	Dado/top	Removable
Double Strip	500 x 80	1/8" acrylic	Dado/top	Removable
Footer Strip	500 x 40	1/8" acrylic	Dado/top	Removable

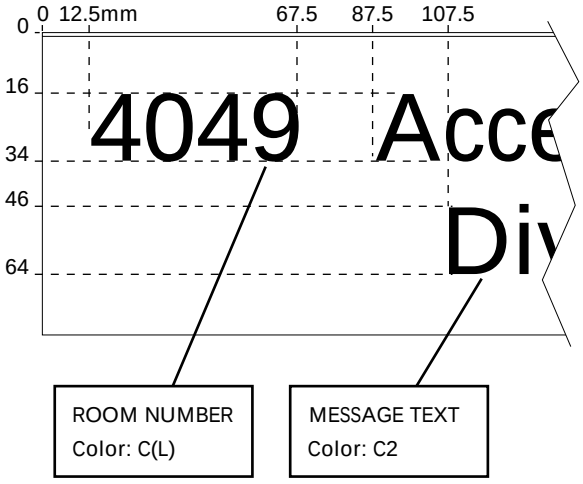
Module G
Graphic Specifications

Scale 1:2

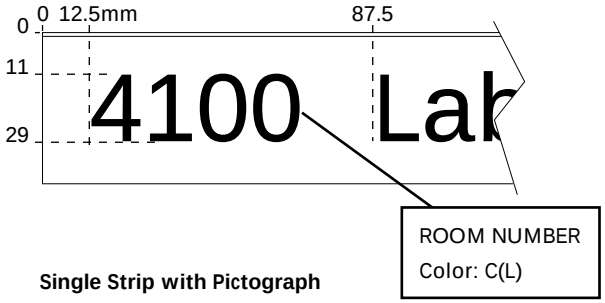
1st Arrow Strip



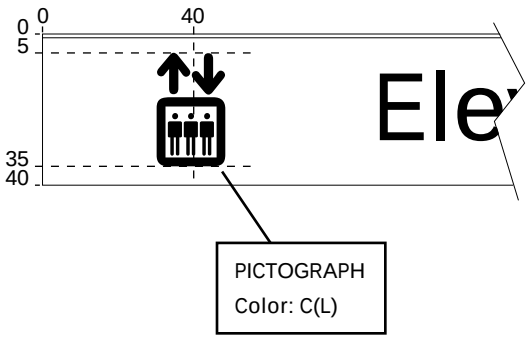
Double Strip



Single Strip



Single Strip with Pictograph

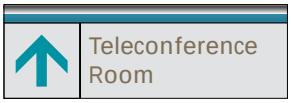


Module H
Directional Tertiary
DT.000.H

Module H is used to enhance wayfinding to a single destination. It consists of a Base Panel and Header Strip to which are added an Arrow Panel and Text Panel. These panels are removable so that the unit can be repositioned and reused if necessary.

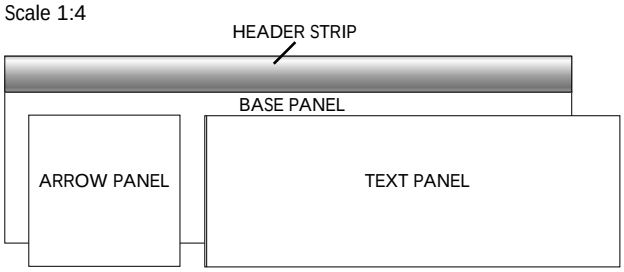
TYPE SIZE: 18mm Cap Height (72 point)

ARROW: 55 x 55mm



Module H Construction

Scale 1:4

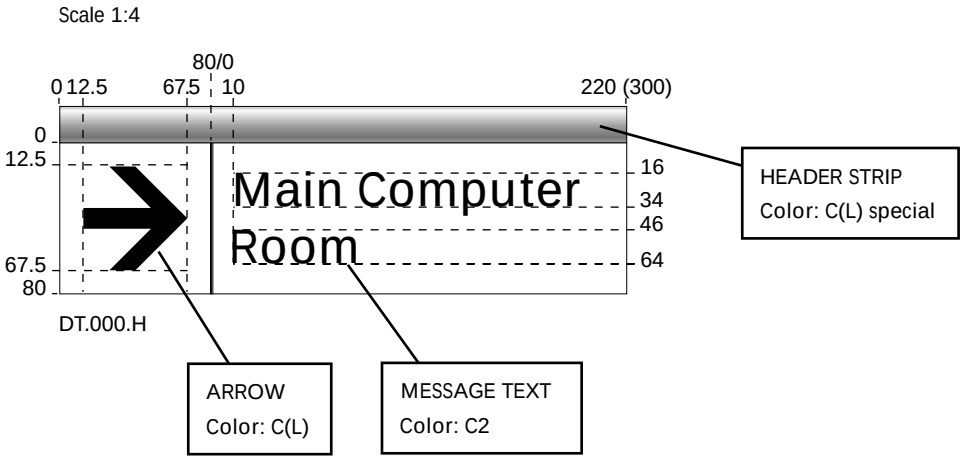


DT.000.H

Module H Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	300 x 99	1/8" acrylic		Permanent
Header Strip	300 x 19	3/4" aluminum half-round		Permanent
Arrow Panel	80 x 80	1/8" acrylic		Removable
Text Panel	220 x 80	1/8" acrylic	Dado/left	Removable

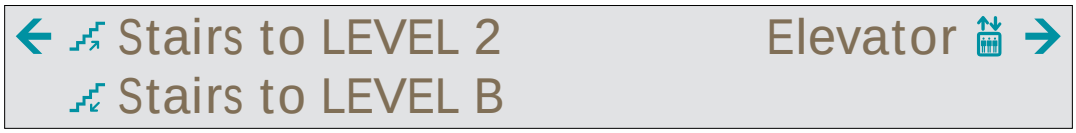
Module H
Graphic Specifications



Module P
Directional Primary, Ceiling-Mount
DPC.000.P

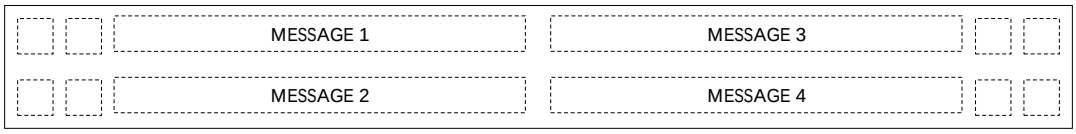
Module P is used exclusively for directional information. It consists of a Base Panel on which arrows, pictographs and messages are directly applied. Module P is generally mounted on walls above doors and entrances.

Module P is not strictly a "module" in the sense that the other module types have fixed dimensions. The P Module is a general description of a graphic specification, material specification, and mounting method, but the actual dimensions of each unit are site-specific. Drawings will be provided for detail dimensions.

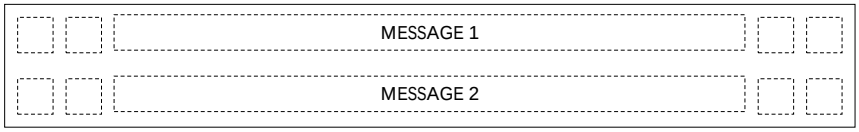


Module P
Construction

Scale 1:16



DPC.114.P



DPC.115.P

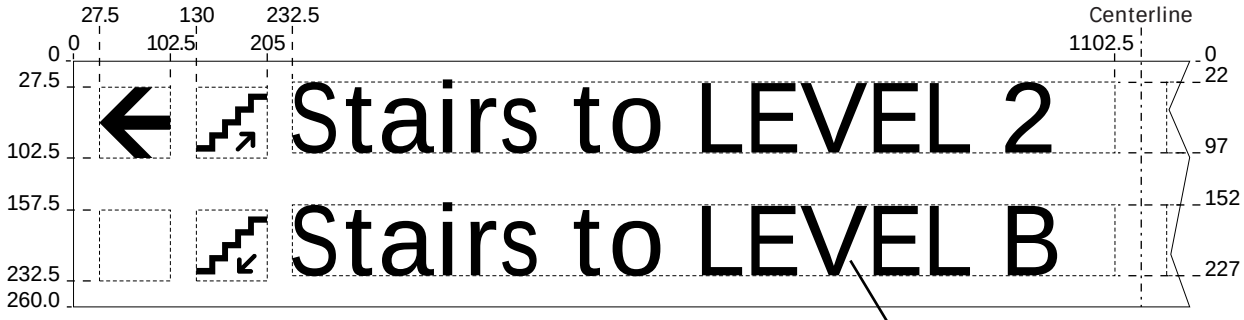
DPC.119.P

Module P Dimensions (three versions shown)

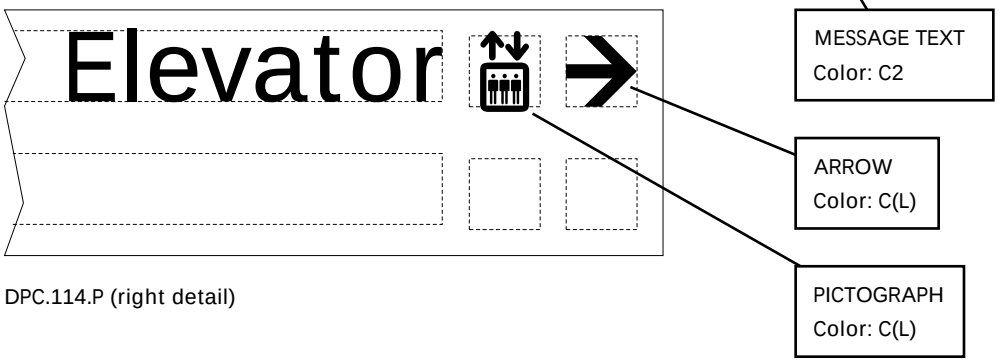
PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
114 Base Panel	2260 x 260	3/8" acrylic		Removable
115 Base Panel	1800 x 260	3/8" acrylic		Removable
119 Base Panel	1830 x 130	3/8" acrylic		Removable

Module P
Graphic Specifications

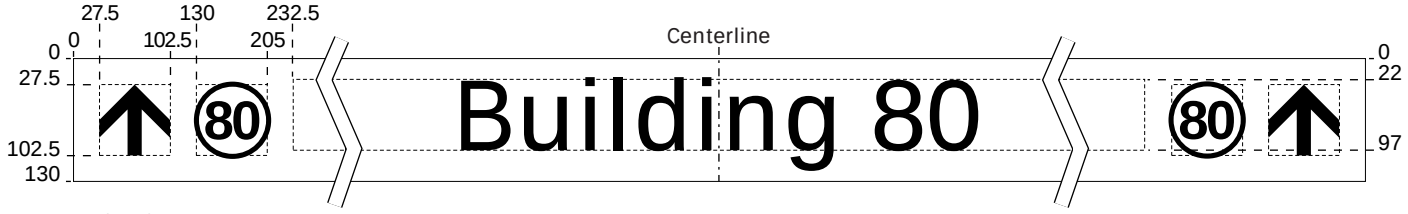
Scale 1:8



DPC.114.P (left detail)



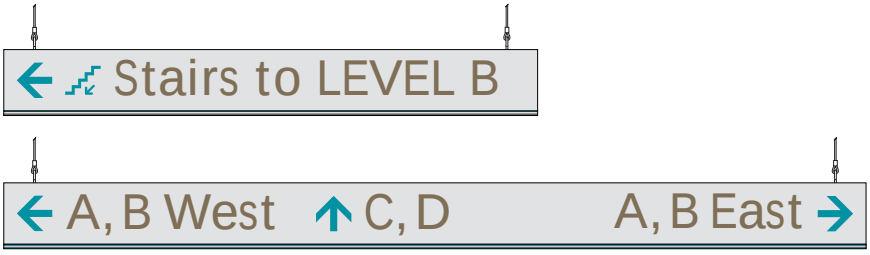
DPC.114.P (right detail)



DPC.119.P

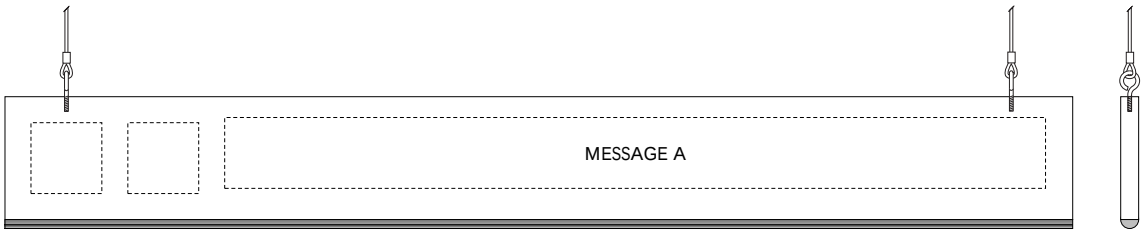
Module Q
Directional Secondary, Ceiling-Mount
DSC.000.Q

Module Q is used exclusively for directional information. It consists of a two-sided Base Panel on which arrows, pictographs and messages are directly applied. A Header Strip of the same type as used in the other modules is here used as a bottom cap. Module Q is hung by cables or rods from the ceiling in corridors and walkways. The length of the unit may vary due to the number of messages or space constraintes. Drawings will be provided for detail dimensions of specific applications.



Module Q Construction

Scale 1:8



DSC.000a.Q

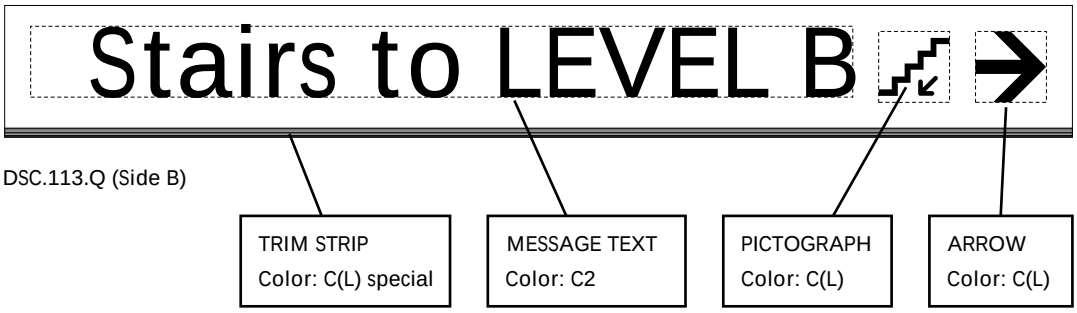
Module Q Dimensions (typical)

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	1130 x 130	3/4" hollow aluminum box		Permanent
Header Strip	500 x 19	3/4" aluminum half-round		Permanent

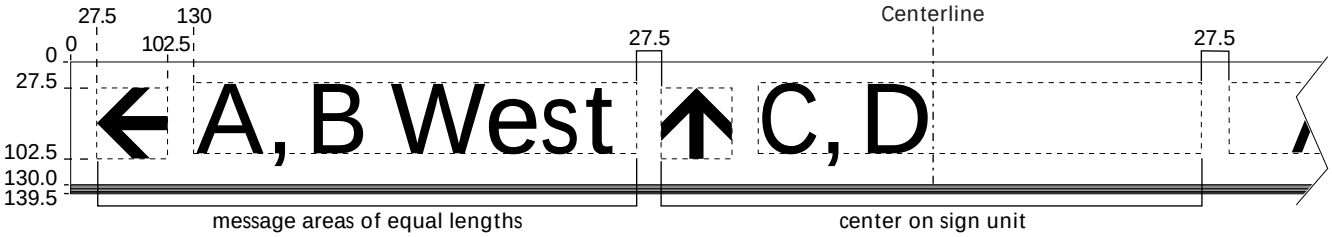
Module Q
Graphic Specifications

Scale 1:8

DSC.113.Q (Side A)



DSC.113.Q (Side B)



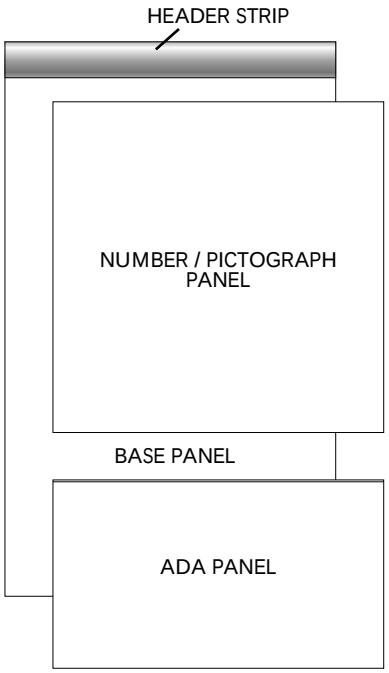
DSC.000.Q (variation)

Module C
Identification Tertiary
IT.000.C

Module C is used for accessible restroom identification and for level orientation (see page 3.04.07). It consists of a Base Panel and Header Strip to which are added a Pictograph Panel and an ADA-compliant tactile message panel. The specification for general restroom identification was changed on 7.21.98 to Module S (see page 3.02.20).

Module IT.000.C
Construction

Scale 1:4

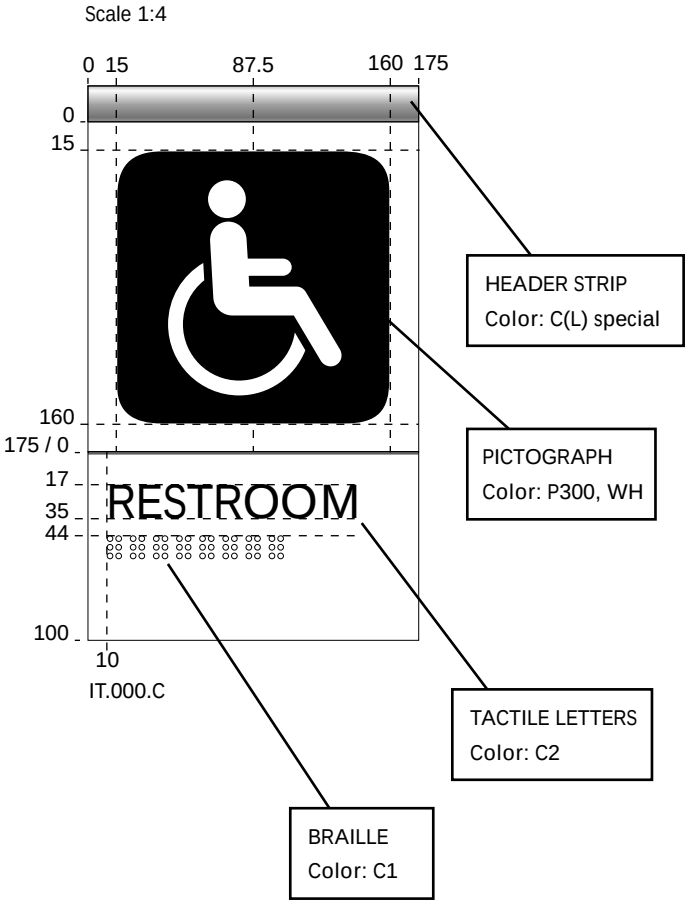


OLI.000.C / IT.000.C / NTB.000.C

Module Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	175 x 294	1/8" acrylic		Permanent
Header Strip	175 x 19	3/4" aluminum half-round		Permanent
Pictograph Panel	175 x 175	1/8" acrylic		Permanent
ADA Panel	175 x 100	1/8" photopolymer	Dado/top	Permanent

Module IT.000.C
Graphic Specifications



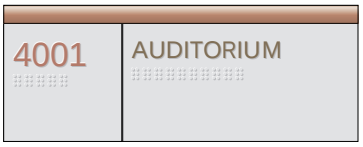
Module D
Identification Primary, ADA Text
IPA.000.D

Module D is used for identification of primary destinations. There are two types of primary destinations. The first type of primary destination includes the offices of divisions, departments, directors, and directorates, entities labeled "office" such as the Office of Community Relations, centers, and major laboratories. For this type of destination use the IPN variant of Module D (see 3.02.07). The second type includes permanent multi-user facilities such as libraries, auditoriums and major conference rooms. The IPA variant of Module D is used for identification of this second type of destination. Messages appropriate for this module will usually consist of one or two words. Personal names and titles are not appropriate for this module.

The Identification Primary, ADA Text module consists of a Base Panel and Header Strip to which are added an ADA Number Panel and an ADA-compliant tactile message panel.

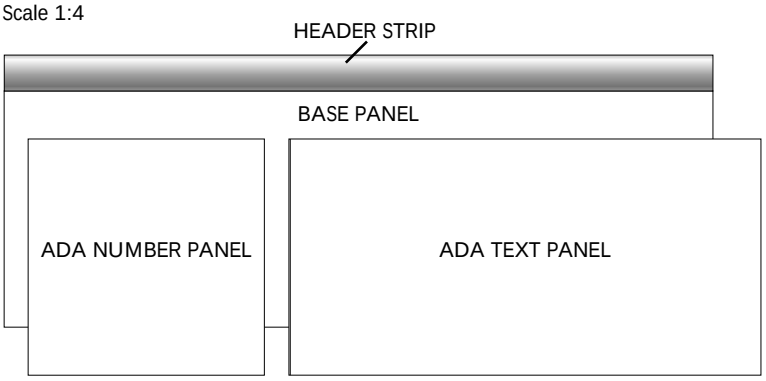
ADA NUMBER TYPE SIZE: 25mm Cap Height (100 point)

ADA TEXT TYPE SIZE: 18mm Cap Height (72 point)



Module IPA.000.D Construction

Scale 1:4

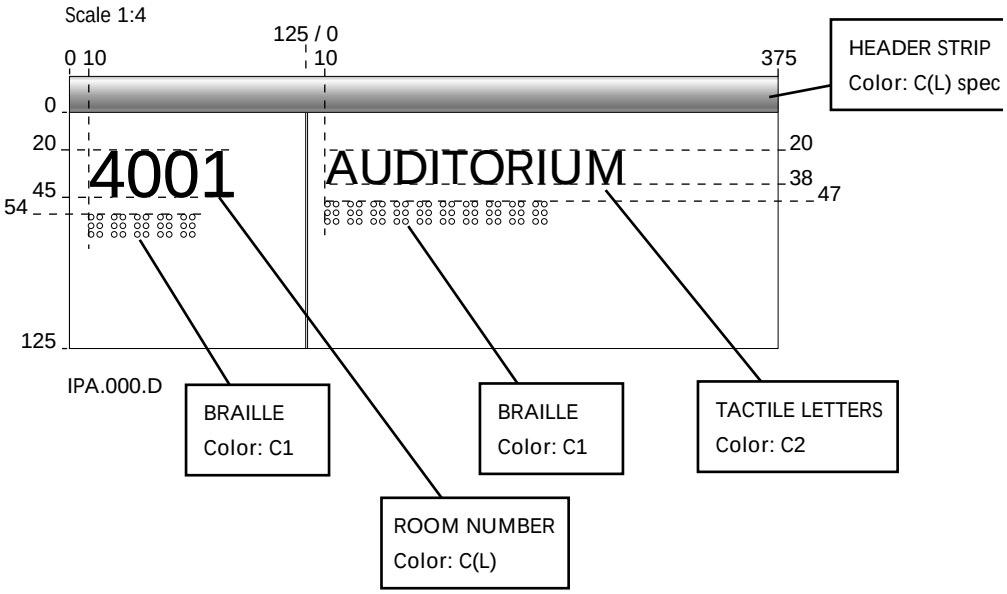


IPA.000.D

Module IPA.D Dimensions

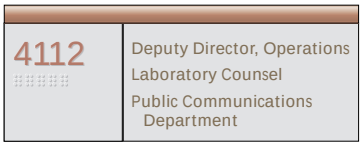
PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	375 x 144	1/8" acrylic		Permanent
Header Strip	375 x 19	3/4" aluminum half-round		Permanent
ADA Number Panel	125 x 125	1/8" acrylic		Permanent
ADA Text Panel	250 x 125	1/8" photopolymer	Dado/left	Permanent

Module IPA.000.D
Graphic Specifications



Module D
Identification Primary, Number
IPN.000.D

Module D is used for identification of primary destinations. There are two types of primary destinations. The first type of primary destination includes the offices of divisions, departments, directors, and directorates, entities labeled "office" such as the Office of Community Relations, centers, and major laboratories. The IPN variant of Module D is used for this type of destination. The second type includes permanent multi-user facilities such as libraries, auditoriums and major conference rooms. The IPA variant of Module D is used for this second type of destination (see 3.02.04).



This module can display the names of up to three destinations located in the same room; some of these names may run onto a second line of text. Personal names and titles are not appropriate for this module.

The Identification Primary, Number module consists of a Base Panel and Header Strip to which are added an ADA-compliant tactile number panel and a removable text panel.

Note: Typical message shown. Typographic conventions for different numbers of messages and character counts can be found in the sign module digital art files.

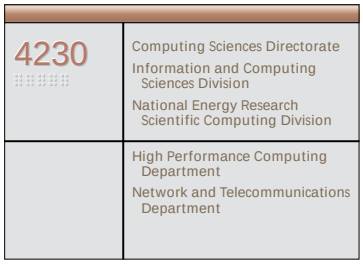
ADA NUMBER TYPE SIZE: 25mm Cap Height (100 point)

MESSAGE TYPE SIZE: 12mm Cap Height (50 point)

Special Case: In order to accommodate the lengthy message, a large (269mm) Base Panel was used with two each of the ADA Number Panel and Text Panel; and the type size for this unit has been reduced to 10mm (42 point). The line spacing is detailed on page 3.02.08.

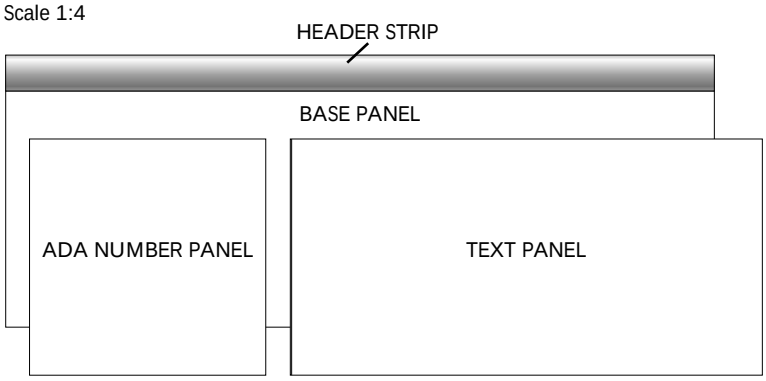
This is the only example of this type convention in the current message schedule. In future applications of the program, other examples which require this treatment may be found. In general, this type of exception to the standard is to be avoided if possible

Special Case



Module IPN.000.D Construction

Scale 1:4

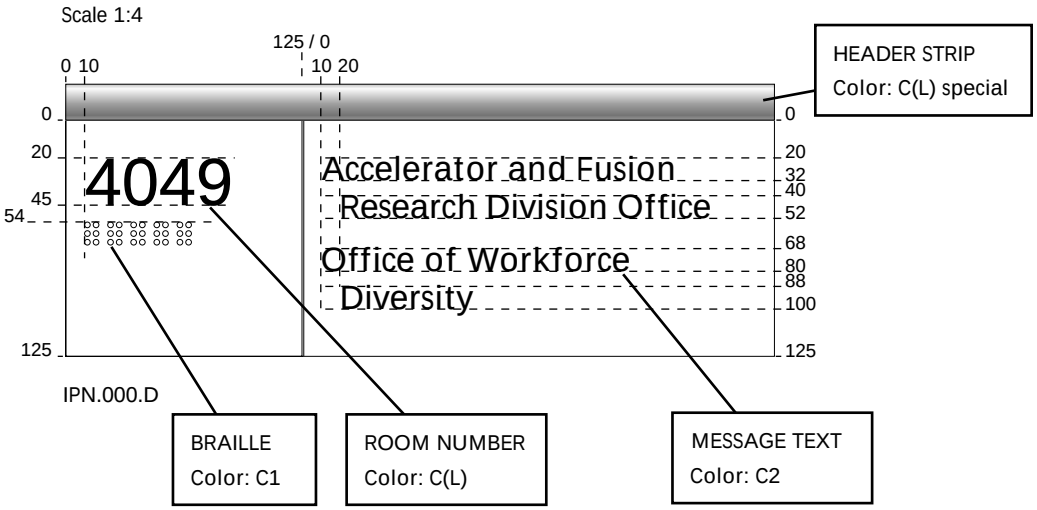


IPN.000.D

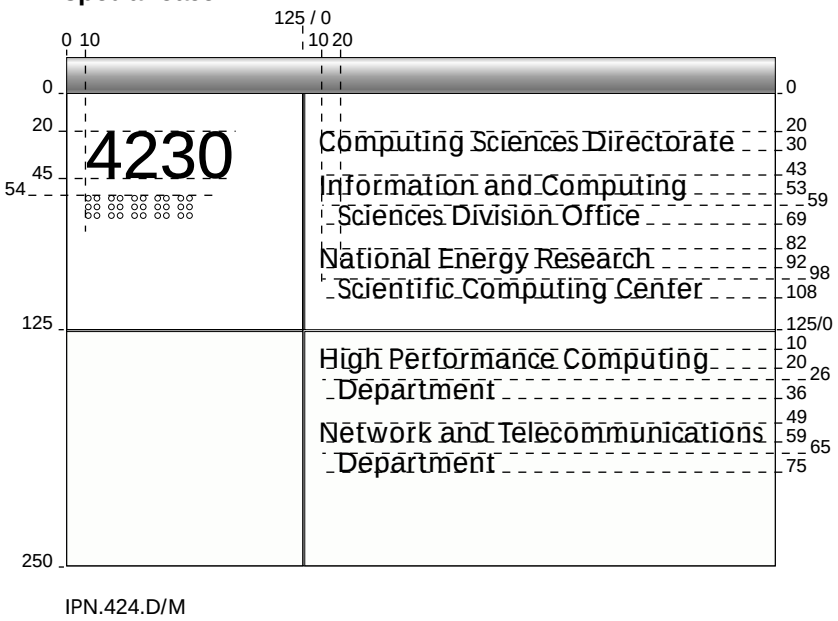
Module IPN.D Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	375 x 144	1/8" acrylic		Permanent
Header Strip	375 x 19	3/4" aluminum half-round		Permanent
ADA Number Panel	125 x 125	1/8" photopolymer		Permanent
Text Panel	250 x 125	1/8" acrylic	Dado/left	Removable

Module IPN.000.D
Graphic Specifications



Special Case

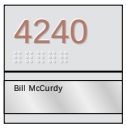


Module E
Identification Secondary
IS.000.E

Module E is the standard permanent room number identification unit. It consists of a Base Panel to which are added an ADA-compliant tactile number panel and a clear window for a removable message strip. Module E is unique in not using a Header Strip.

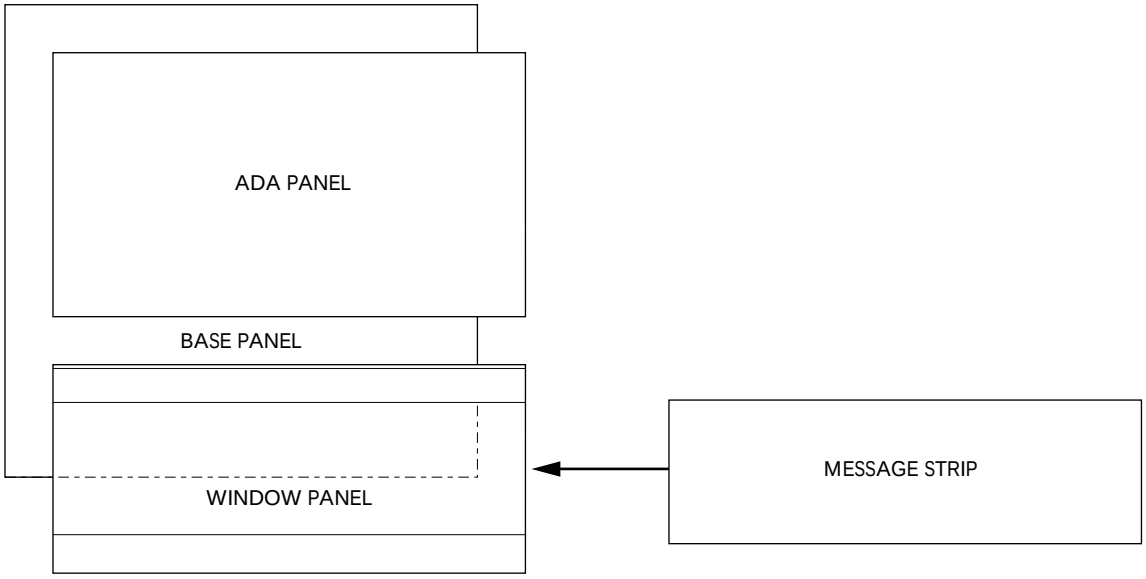
Note: Typical message shown. The typographic convention accommodates up to three lines of approximately 28 characters each.

TYPE SIZE (insert): 6mm Cap Height (25 point)



Module E Construction

Scale 1:2



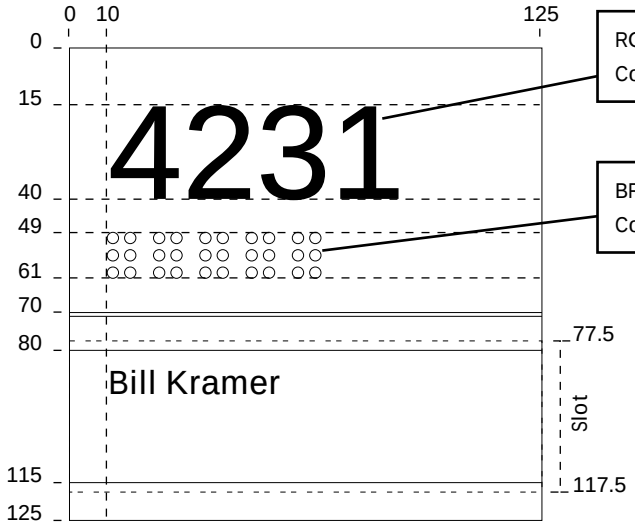
IS.000.E

Module E Dimensions

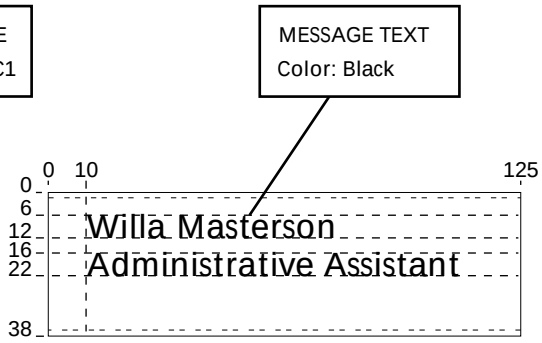
PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	125 x 125	1/16" acrylic		Permanent
ADA Panel	125 x 70	1/8" photopolymer		Permanent
Window Panel	125 x 55	1/16" acrylic (window)	Dado/top	Permanent
Message Strip	125 x 38	10 mil clear acetate	(laserprint)	Removable

Module E
Graphic Specifications

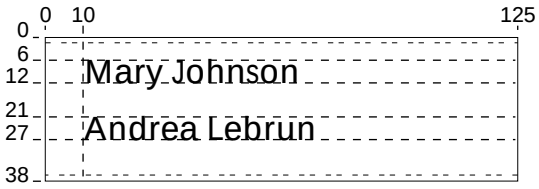
Scale 1:2



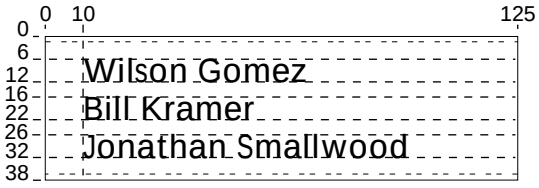
IS.xxx.E



Single name with title or department (optional)



Two names

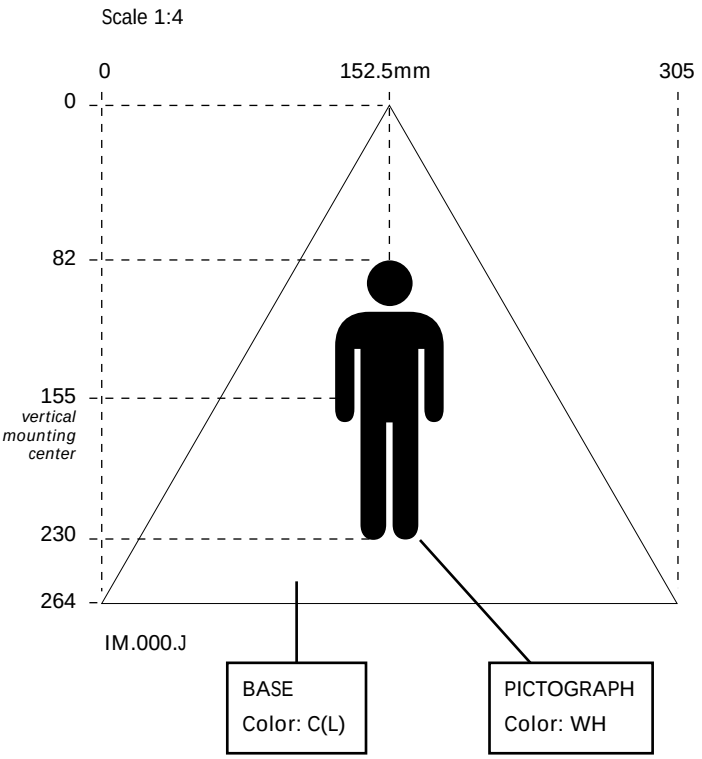


Three names

Modules J, K & L
Identification, Title 24
IM.000.J
IW.000.K
IU.000.L

The Title 24 modules are used in conjunction with the standard ADA-compliant restroom signage.

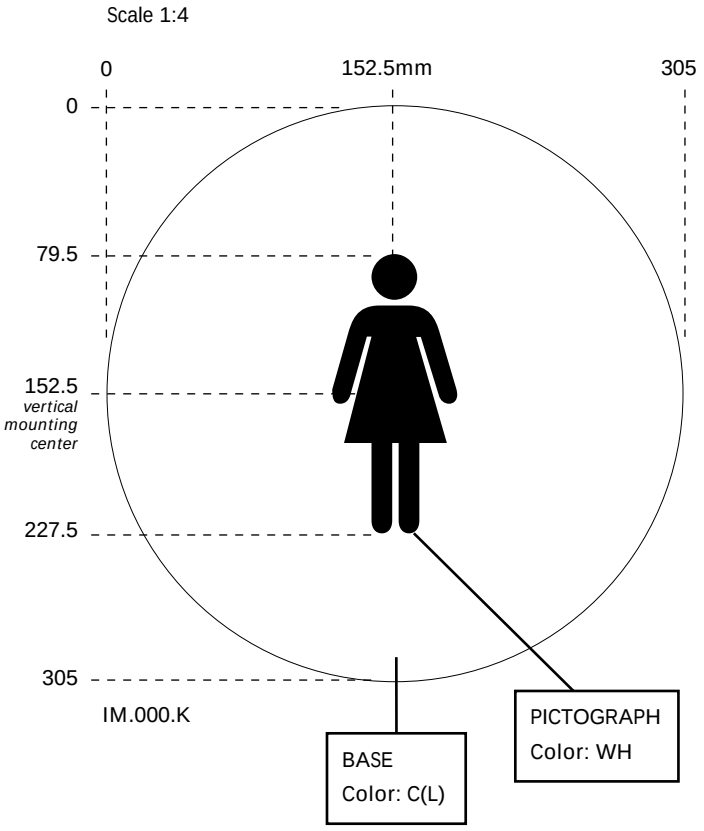
Module J
Graphic Specifications



Module J Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
J Base Panel	305 x 264	1/4" acrylic		Permanent

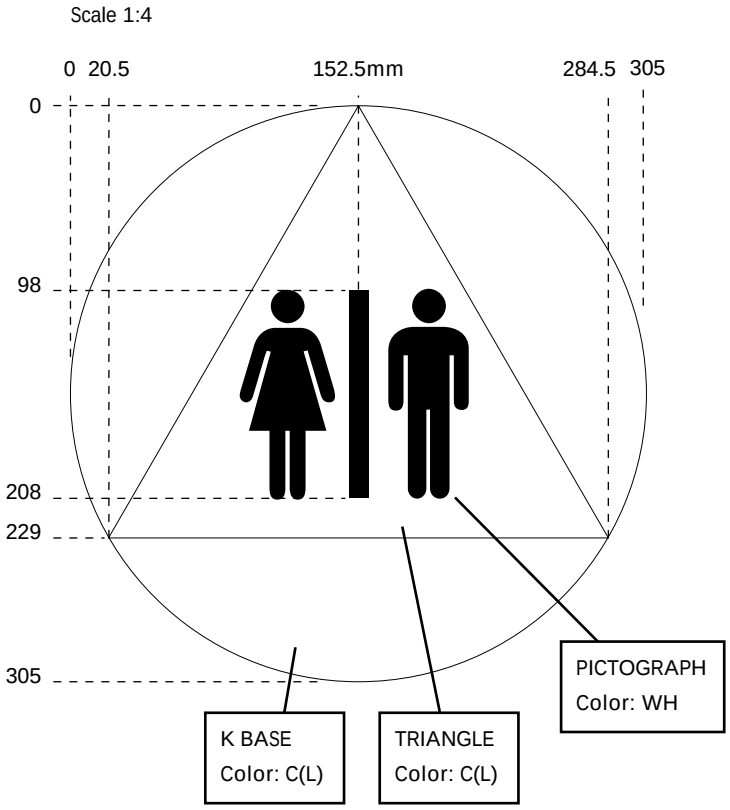
Module K
Graphic Specifications



Module K Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
K Base Panel	305 dia.	1/4" acrylic		Permanent

Module L
Graphic Specifications



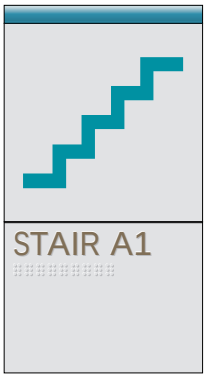
Module L Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
K Base Panel	305 dia.	1/4" acrylic		Permanent
Triangle Panel	264 x 229	1/4" acrylic		Permanent

Module N
Identification Secondary
Stairwell
ISW.000.N

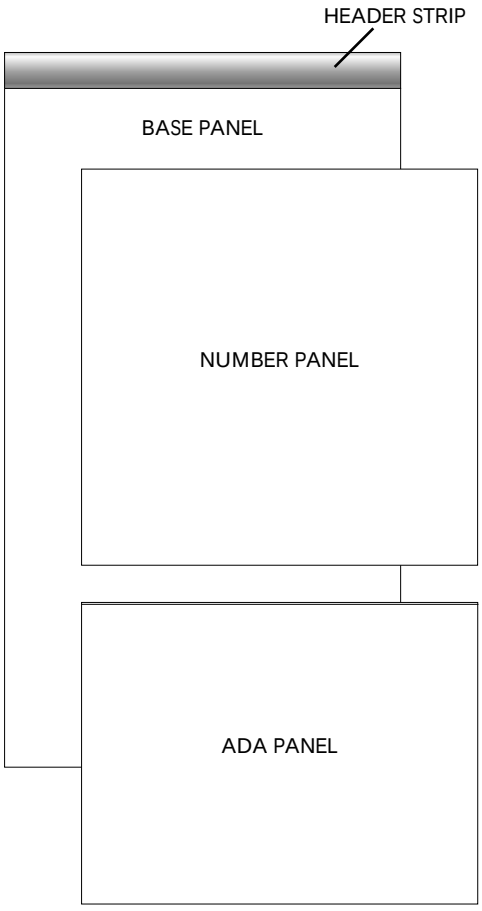
Module N is used for stairwell identification. It consists of a Base Panel and Header Strip to which are added a Pictograph Panel and an ADA-compliant tactile message panel.

TYPE SIZE: 25mm Cap Height (100 point)



Module ISW.000.N Construction

Scale 1:4



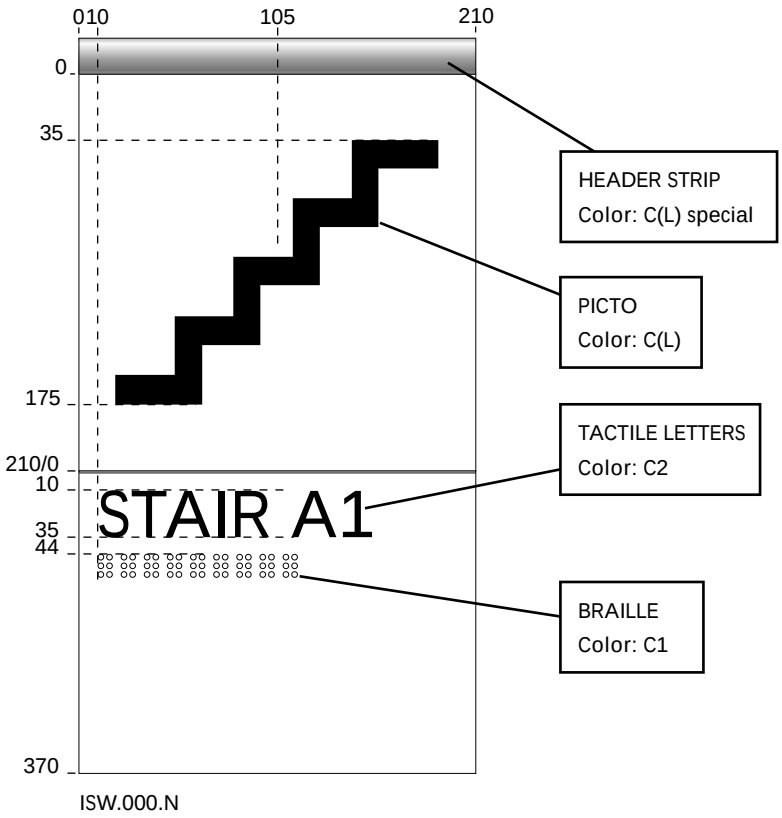
OSW.000.N

Module ISW.N Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	210 x 389	1/8" acrylic		Permanent
Header Strip	210 x 19	3/4" aluminum half-round		Permanent
Pictograph Panel	210 x 210	1/8" acrylic		Permanent
ADA Panel	210 x 160	1/8" photopolymer	Dado/top	Permanent

Module ISW.000.N
Graphic Specifications

Scale 1:4



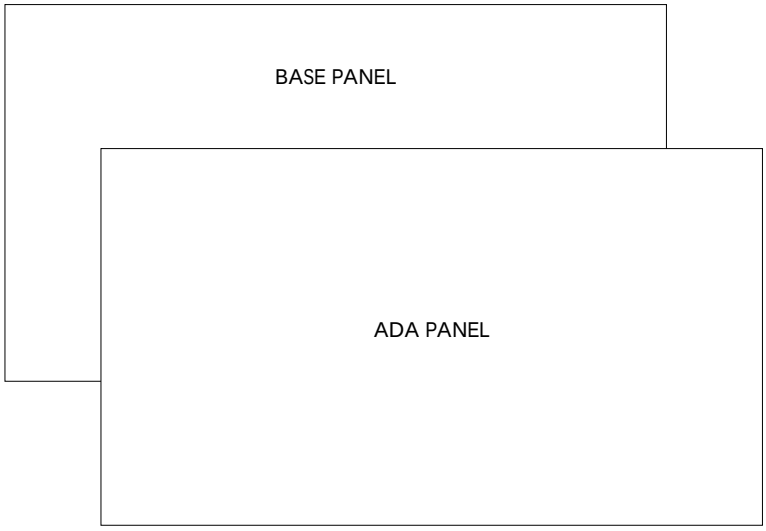
ISW.000.N

Module S
Identification Tertiary
IT.000.S

As of July 21, 1998, Module S is used for ADA-compliant restroom signage. It consists of a base panel and an ADA-compliant tactile message panel. It is designed not to conflict with the Title 24 restroom signage (Modules J, K and L). Essentially it consists of the previous Module C with the Header Strip and Pictograph panel deleted.

Module S
Construction

Scale 1:2



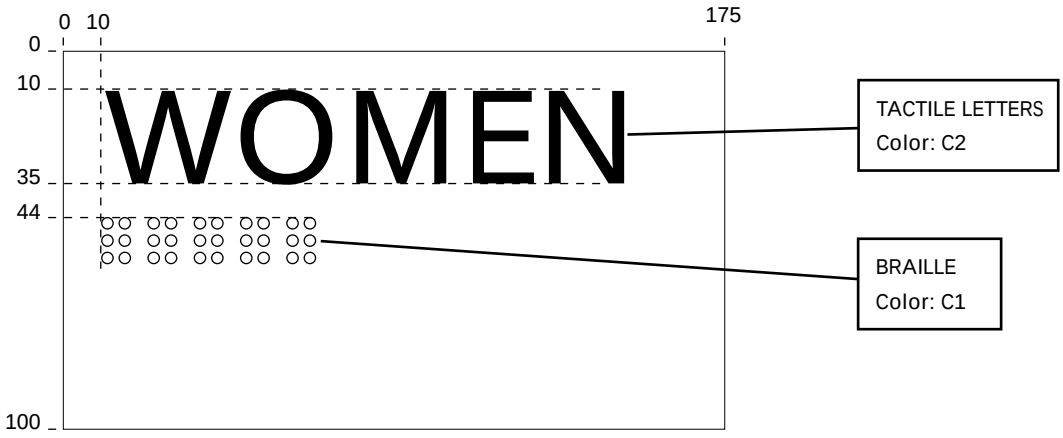
IT.000.S

Module Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	175 x 100	1/8" acrylic		Permanent
ADA Panel	175 x 100	1/8" photopolymer		Permanent

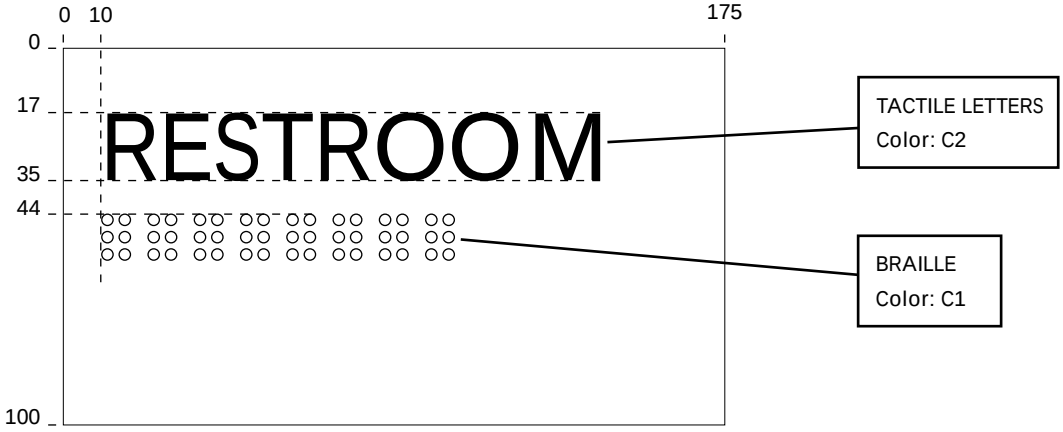
Module S
Graphic Specifications

Scale 1:2



IT.000.S

Scale 1:2



IT.000.S (alternate)

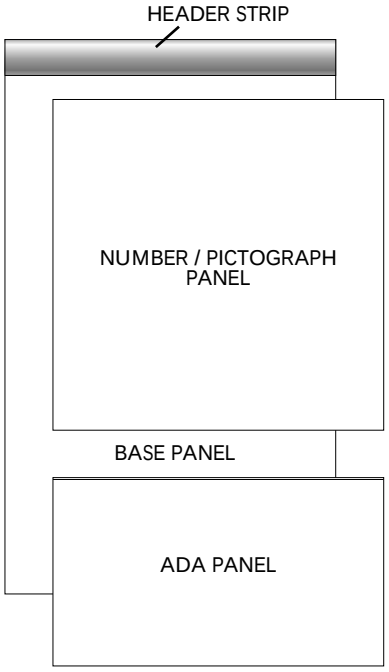
Module C
Informational Tertiary (Building)
NTB.000.C

A special variant of Module C is used for building identification, where an entrance to a building is found inside another building. It consists of a Base Panel and Header Strip to which are added a Number Panel and an ADA-compliant tactile message panel.

TYPE SIZE: 18mm Cap Height (72 point)

Module NTB.000.C
Construction

Scale 1:4



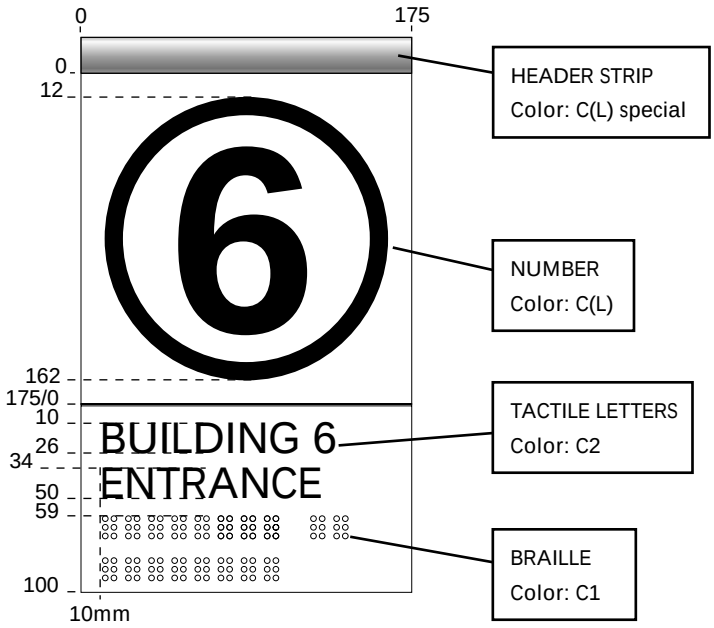
OLI.000.C / IT.000.C / NTB.000.C

Module Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	175 x 294	1/8" acrylic		Permanent
Header Strip	175 x 19	3/4" aluminum half-round		Permanent
Pictograph Panel	175 x 175	1/8" acrylic		Permanent
ADA Panel	175 x 100	1/8" photopolymer	Dado/top	Permanent

Module NTB.000.C
Graphic Specifications

Scale 1:4



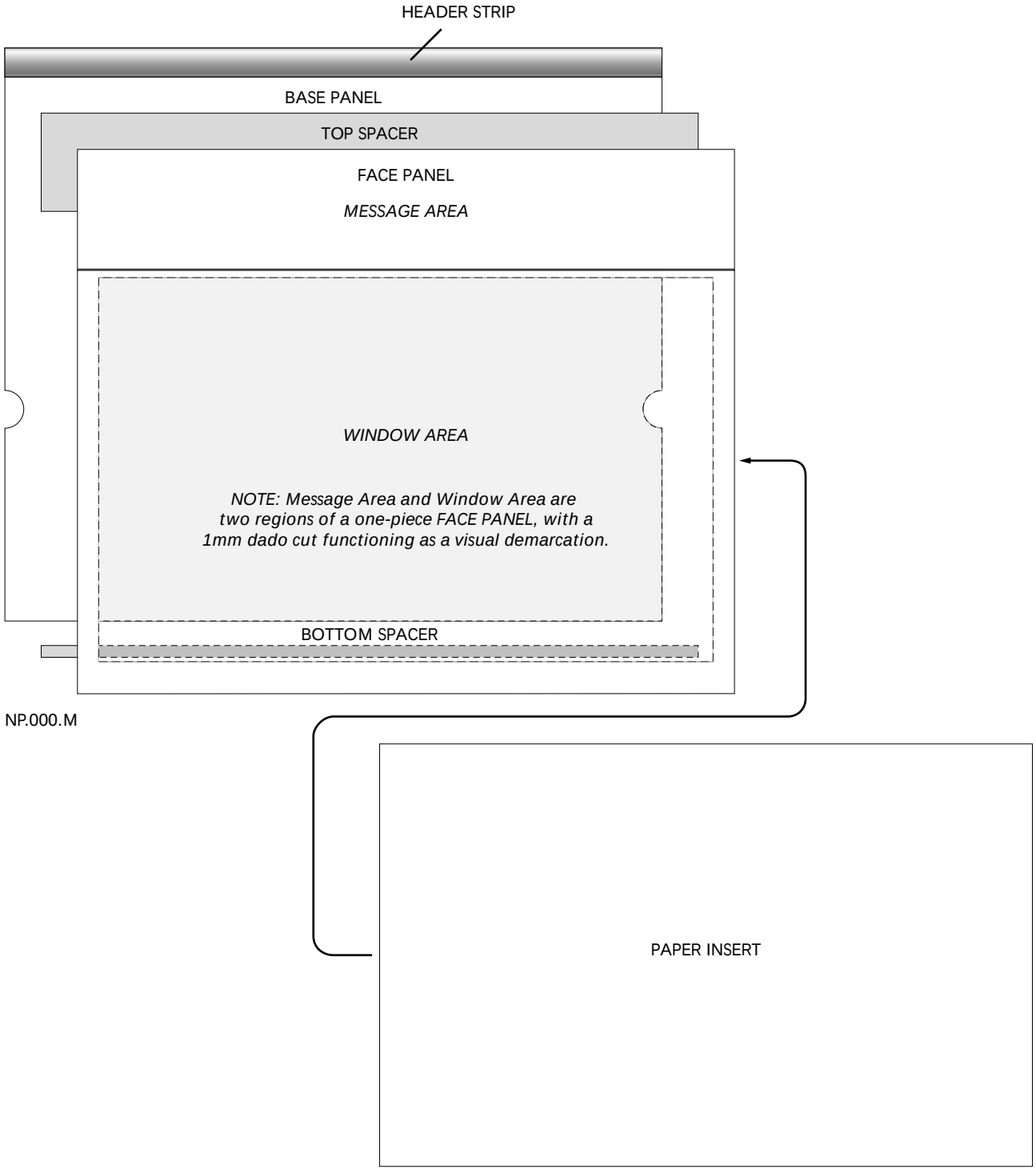
NTB.000.C

Module M
Informational Primary
NP.000.M

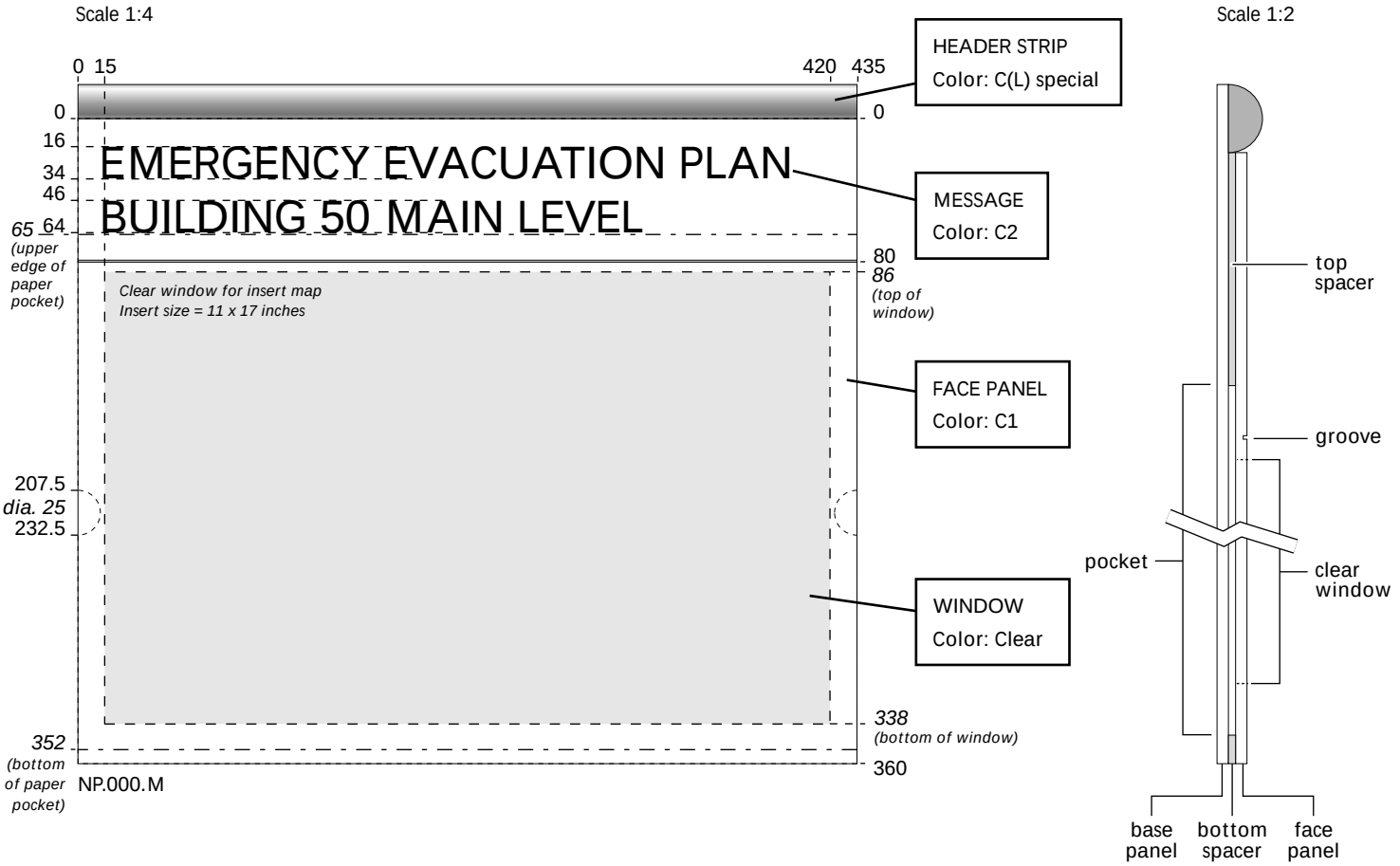
Module M is designed to comply with Emergency Evacuation Plan posting requirements. It consists of a Base Panel and Header Strip to which is added a Face Panel, divided into a Message Area and a Window Area. The message area displays the required title information in permanent form. Thin spacers separate the face panel from the base panel, creating a pocket into which an 11 x 17 inch color printout of the evacuation plan is inserted behind a clear window in the window area. This plan is easily removable for updating. The signage vendor is not responsible for providing the map inserts.

Module M
Construction

Scale 1:4



Module M
Graphic Specifications

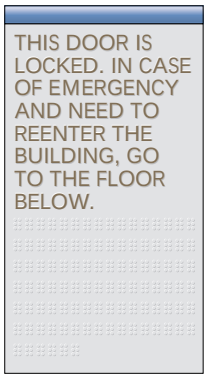


Module NP.M Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	435 x 379	1/8" acrylic	Thumb notches	Permanent
Header Strip	435 x 19	3/4" aluminum half-round		Permanent
Top Spacer	435 x 65	1/16"foam tape or equiv.		Permanent
Bottom Spacer	435 x 8	1/16"foam tape or equiv.		Permanent
Face Panel	435 x 360	1/8" painted clear acrylic	Dado groove	Permanent
Message Area	*435 x 80*	*1/8" painted clear acrylic*	-	-
Window Area	*435 x 280*	*1/8" painted clear acrylic*	-	-
Clear Window	*405 x 252*	*unpainted area*	-	-
Insert Pocket	*435 x 287*	*open space*	-	-
Paper Insert	11 x 17in	Color inkjet or laser print		Removable

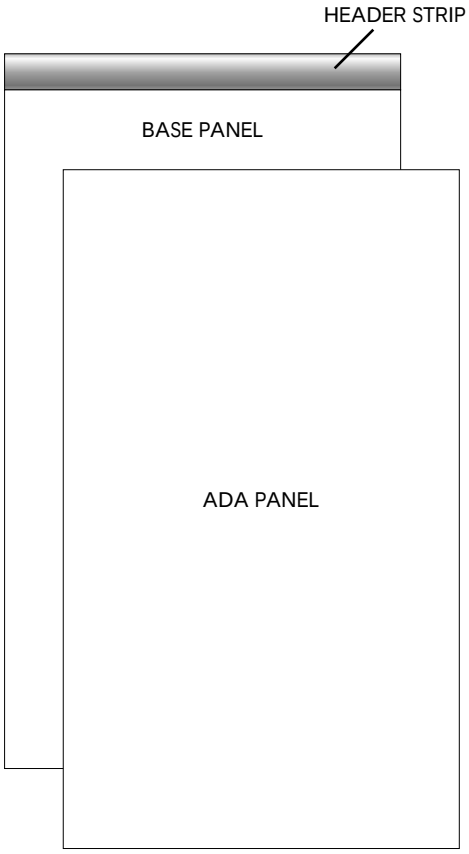
Module N
Informational Regulatory
NR.000.N

This variant of Module N was designed to fill a specific requirement. It displays a lengthy message and matches the nearby stairwell sign.



Module NR.000.N
Construction

Scale 1:4

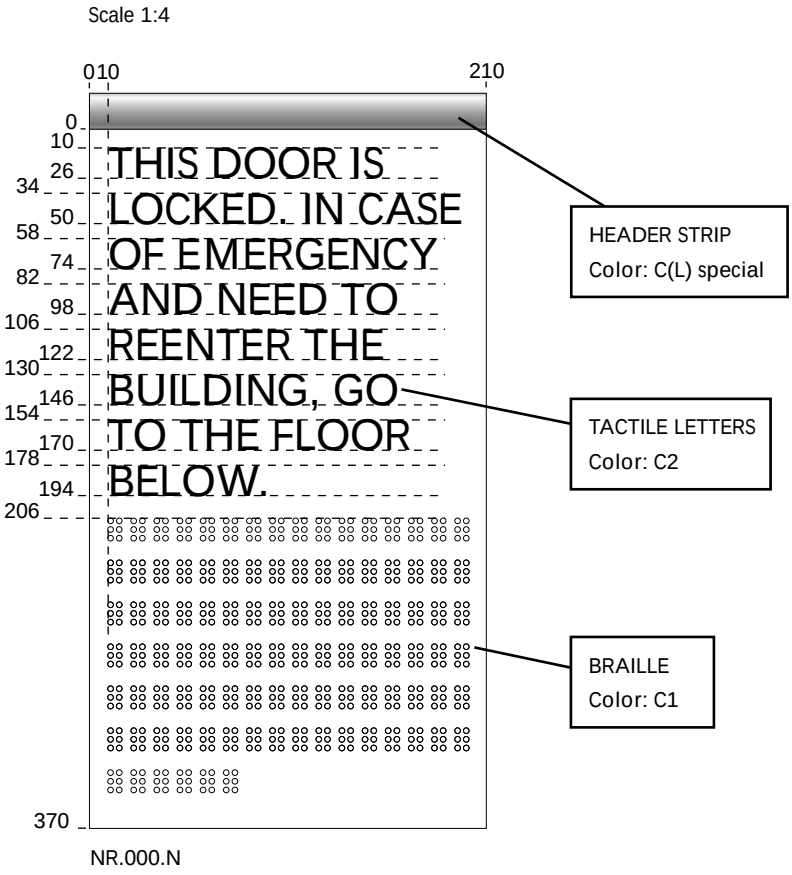


NR.000.N

Module NR.N Dimensions

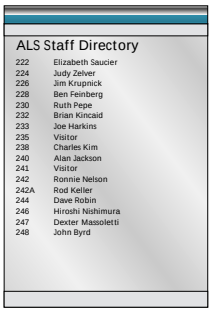
PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	210 x 389	1/8" acrylic		Permanent
Header Strip	210 x 19	3/4" aluminum half-round		Permanent
ADA Panel	210 x 370	1/8" photopolymer		Permanent

Module NR.000.N
Graphic Specifications



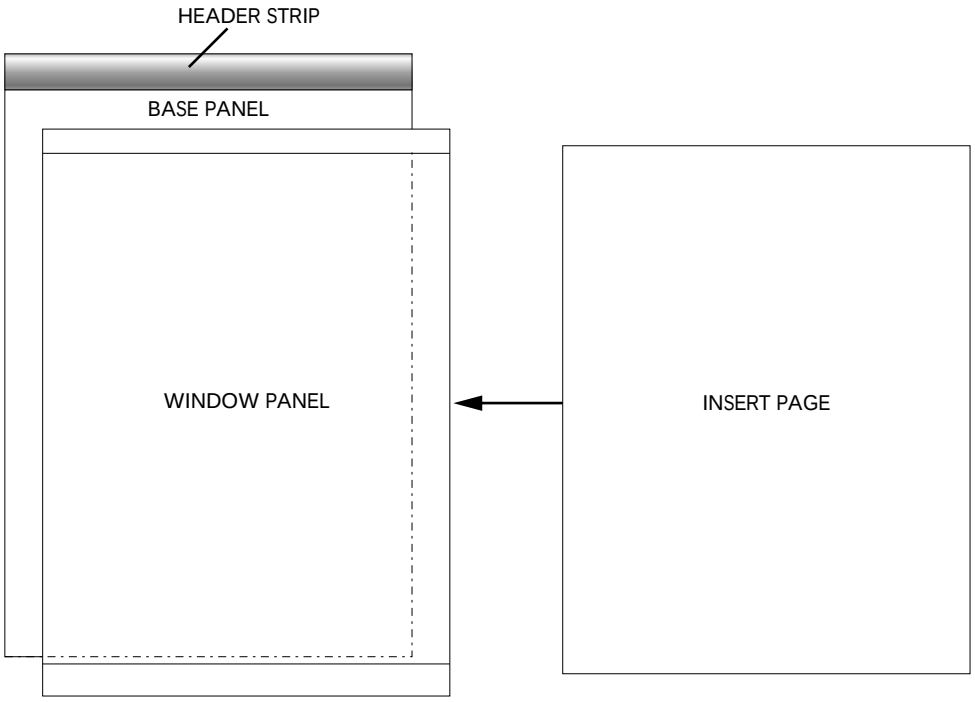
Module O
Informational Secondary
NS.000.O

Module O is used for staff directories, or other frequently updated information which is not directly related to wayfinding or room identification. It consists of a Base Panel and Header Strip to which are added a Window Panel and a removable Insert Page. The Insert Page is a 8 1/2 x 11 inch clear acetate sheet which is output on a laser printer. A template will be provided.



Module O
Construction

Scale 1:4

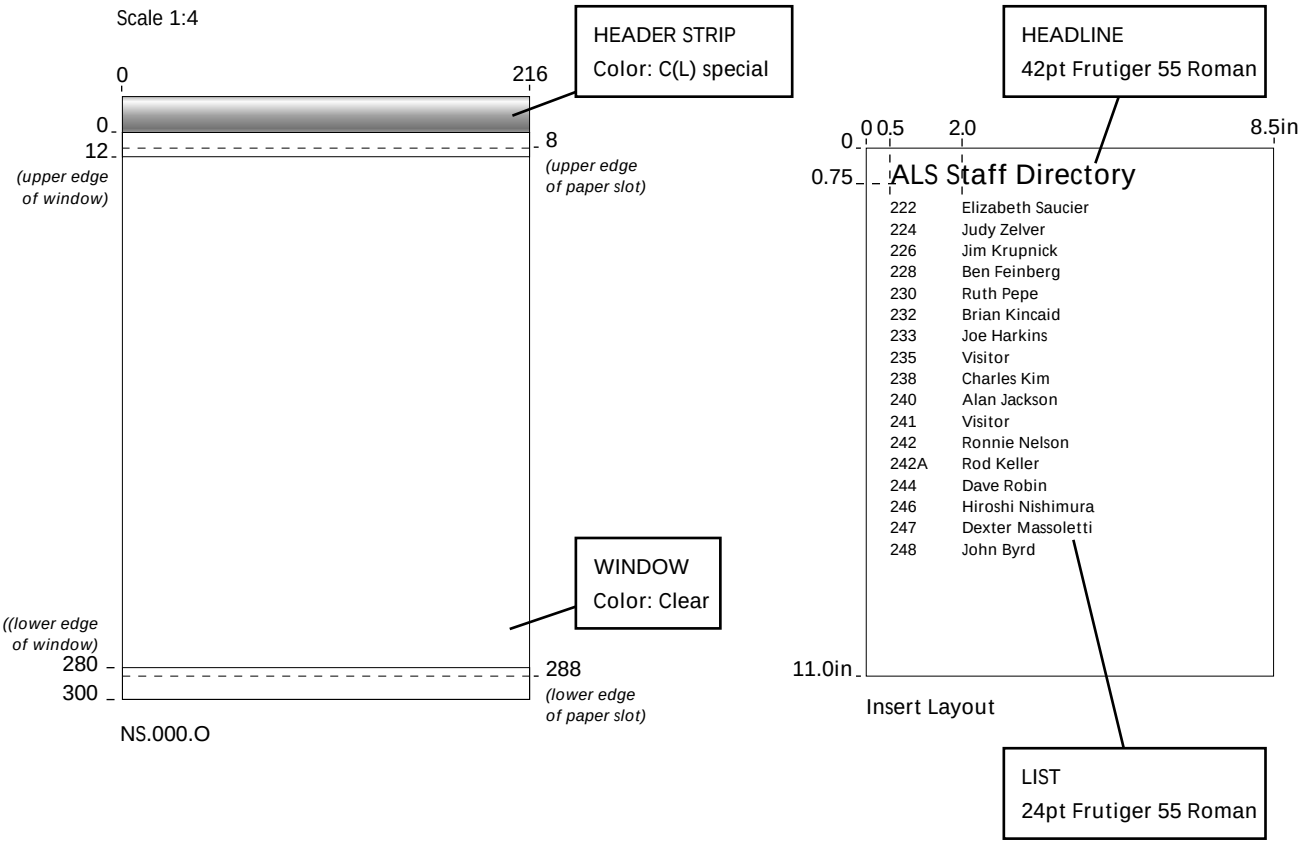


NS.000.O

Module NS.O Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	216 x 319	1/8" acrylic		Permanent
Header Strip	216 x 19	3/4" aluminum half-round		Permanent
Window Panel	216 x 300	1/8" clear acrylic		Permanent
Insert Page	8 1/2 x 11in	Clear acetate laser print		Removable

Module O
Graphic Specifications

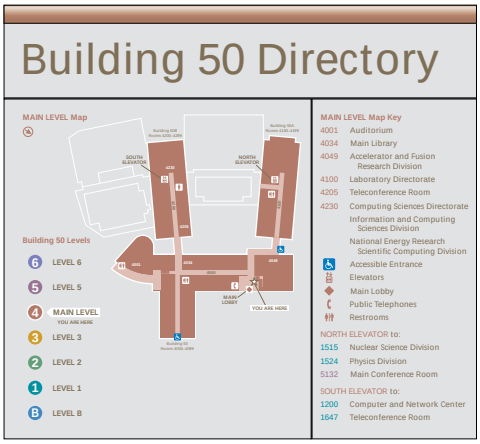


Module A
Orientation Primary
OP.000.A

Module A serves as the main site orientation map and directory. It consists of a Base Panel and Header Strip to which are added a Title Panel, Map Panel and Directory Panel.

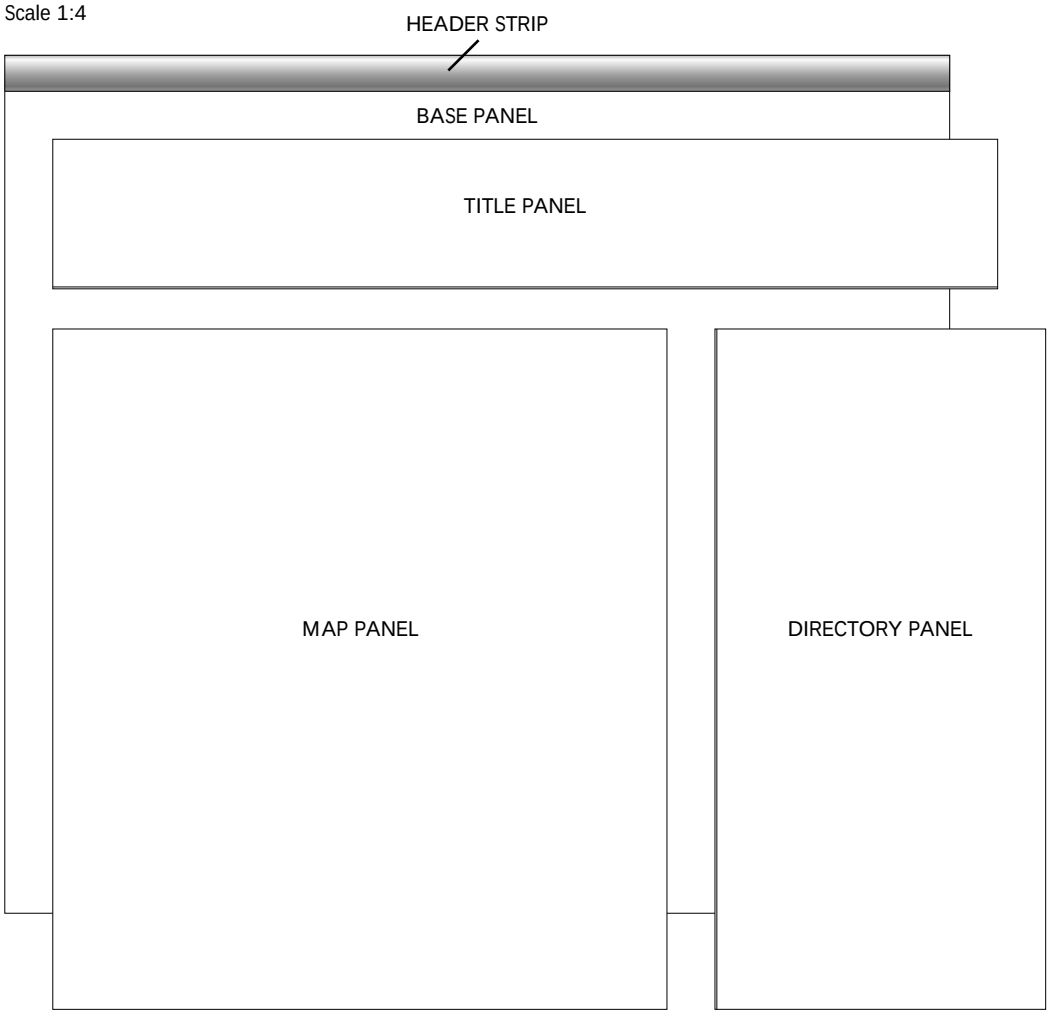
TITLE TYPE SIZE: 32mm Cap Height (130 point)

Note: Separated multicolor art for the level maps and directory listings is available as digital art in Adobe Illustrator for Macintosh format.



Module A
Construction

Scale 1:4

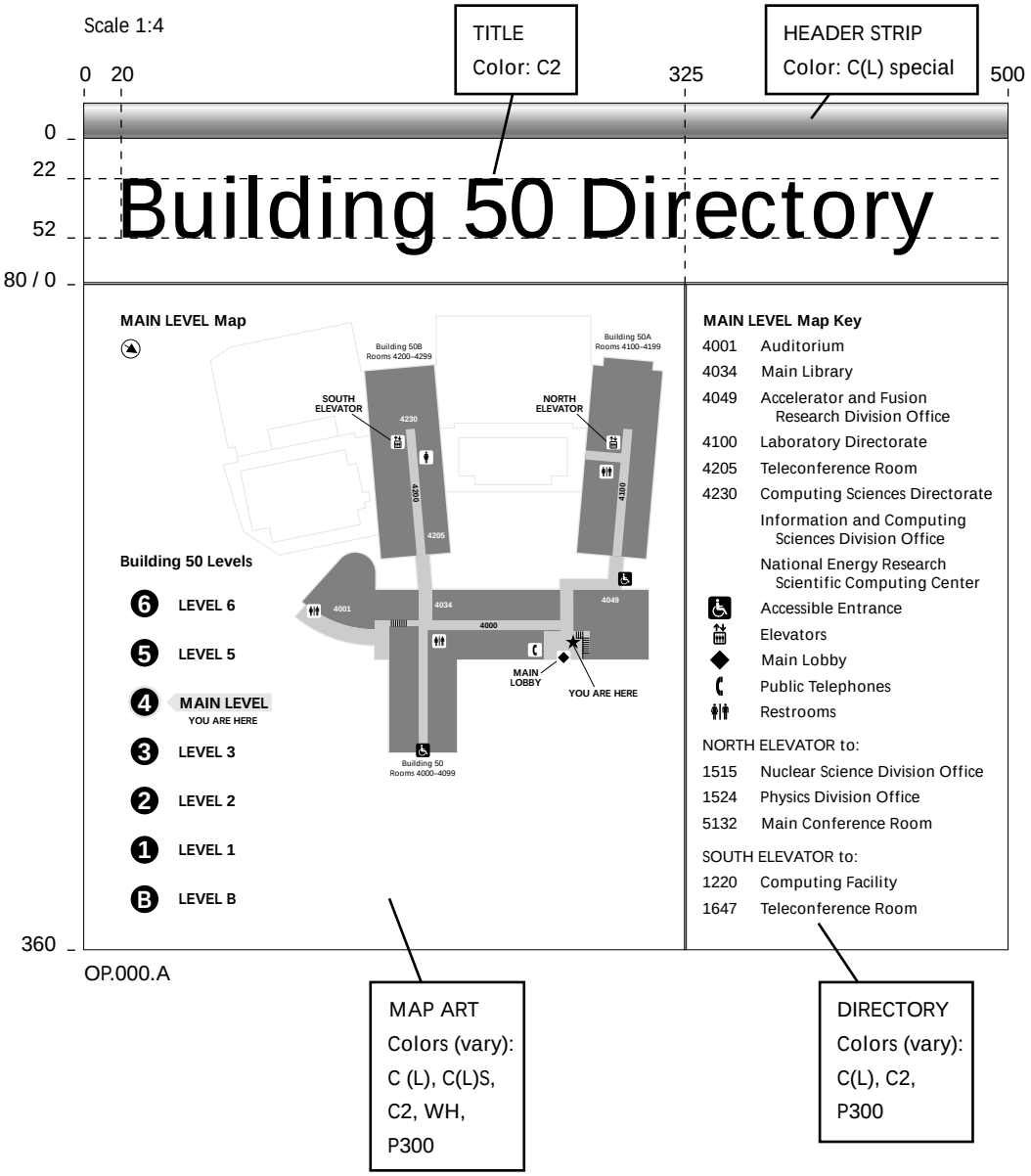


OP.000.A

Module A Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	500 x 459	1/8" acrylic		Permanent
Header Strip	500 x 19	3/4" aluminum half-round		Permanent
Title Panel	500 x 80	1/8" acrylic	Dado/bottom	Permanent
Map Panel	325 x 360	1/8" acrylic		Removable
Directory Panel	175 x 360	1/8" acrylic	Dado/left	Removable

Module A
Graphic Specifications

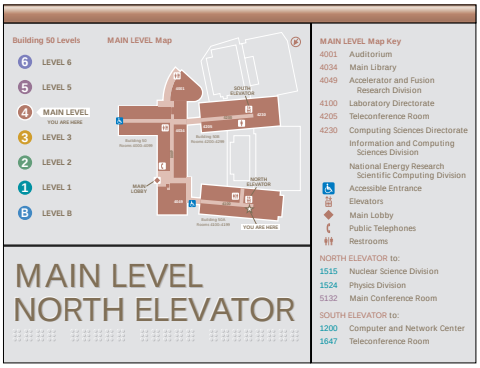


Note: Art and color specifications for Map Panel and Directory Panel are available as digital art files, for those buildings in which a comprehensive signage program has been completed.

Module B
Orientation Secondary
OS.000.B

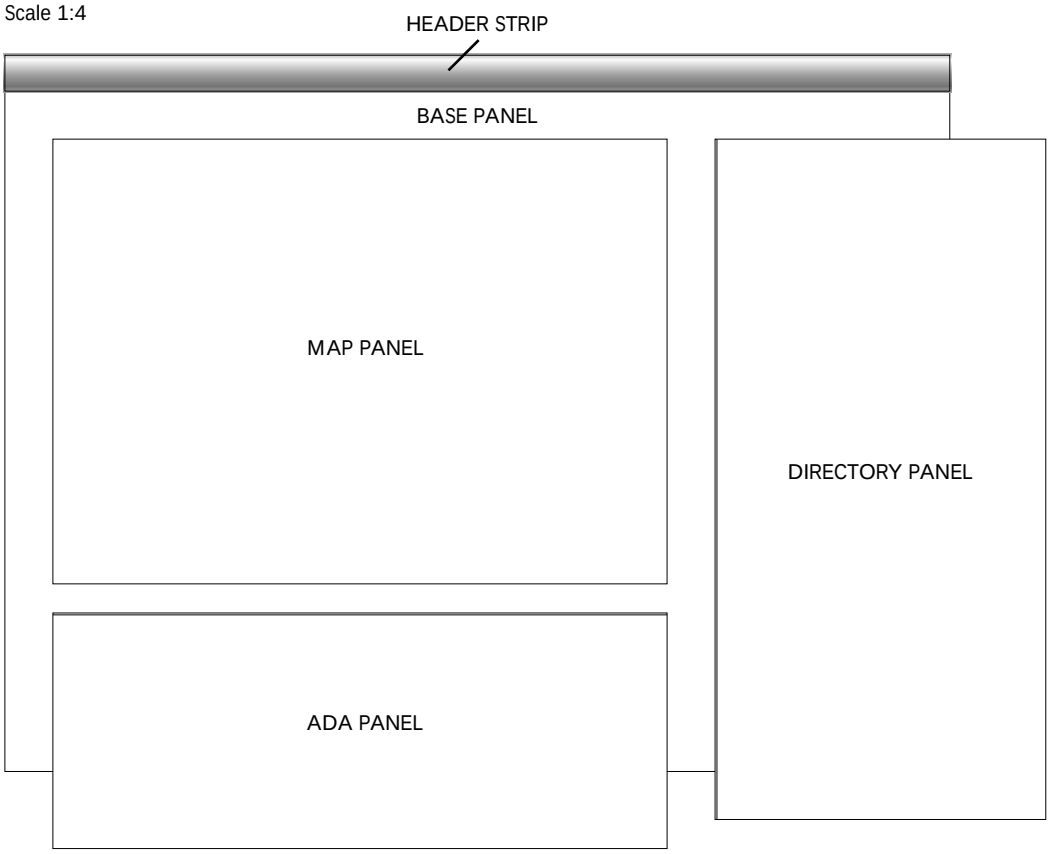
Module B serves as the level orientation map and directory. It consists of a Base Panel and Header Strip to which are added a Map Panel and Directory Panel.

Note: Separated multicolor art for the level maps and directory listings is available as digital art in Adobe Illustrator for Macintosh format.



Module B
Construction

Scale 1:4

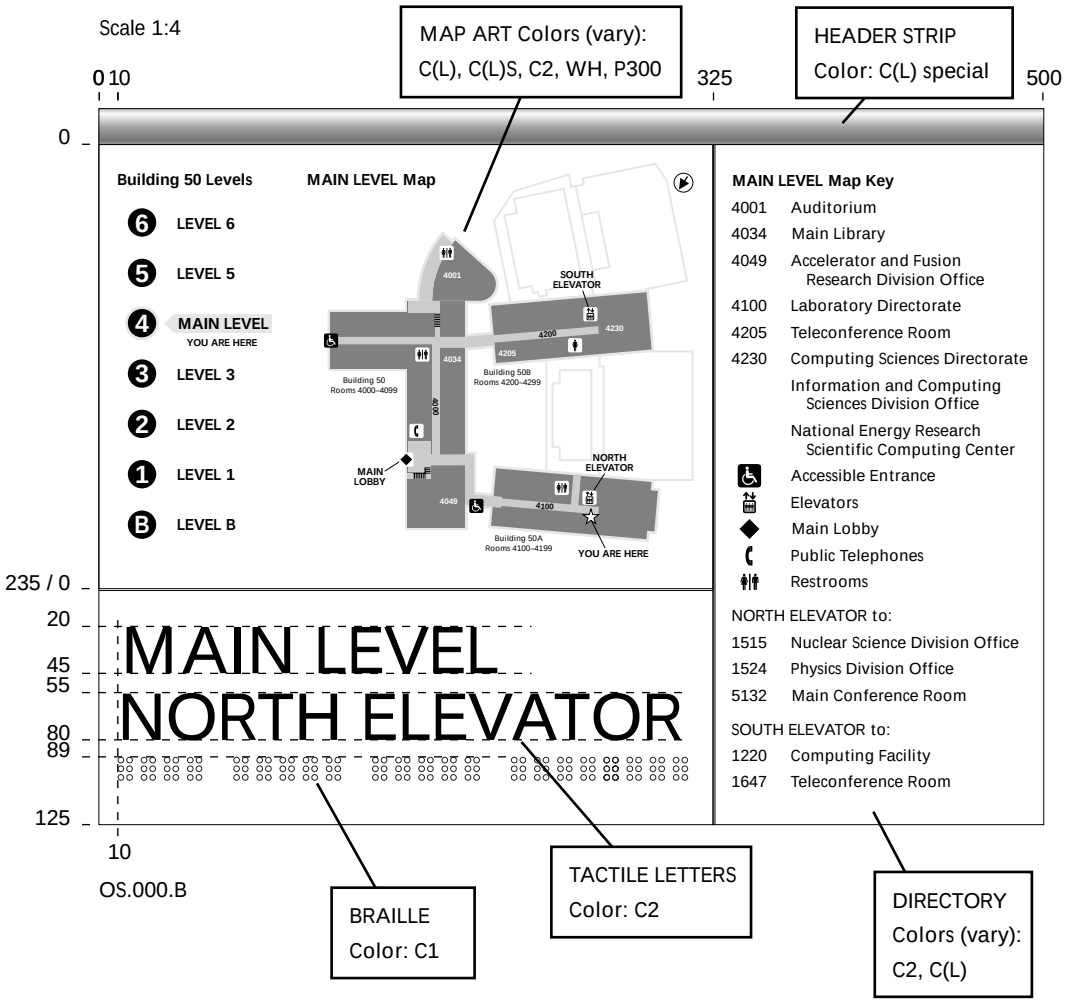


OS.000.B

Module B Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	500 x 379	1/8" acrylic		Permanent
Header Strip	500 x 19	3/4" aluminum half-round		Permanent
Map Panel	325 x 235	1/8" acrylic		Removable
ADA Panel	325 x 125	1/8" photopolymer	Dado/top	Removable
Directory Panel	175 x 360	1/8" acrylic	Dado/left	Removable

Module B
Graphic Specifications



Note: Art and color specifications for Map Panel and Directory Panel are available as digital art files, for those buildings in which a comprehensive signage program has been completed.

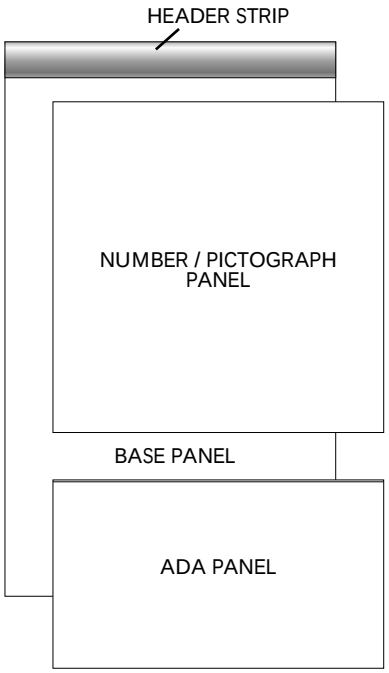
Module C
Orientation, Level Identification
OLI.000.C

Module C is used for level orientation (shown at left) and for accessible restroom identification (see below). It consists of a Base Panel and Header Strip to which are added a Number Panel and an ADA-compliant tactile message panel.

TYPE SIZE: 25mm Cap Height (100 point)

Module OLI.000.C Construction

Scale 1:4

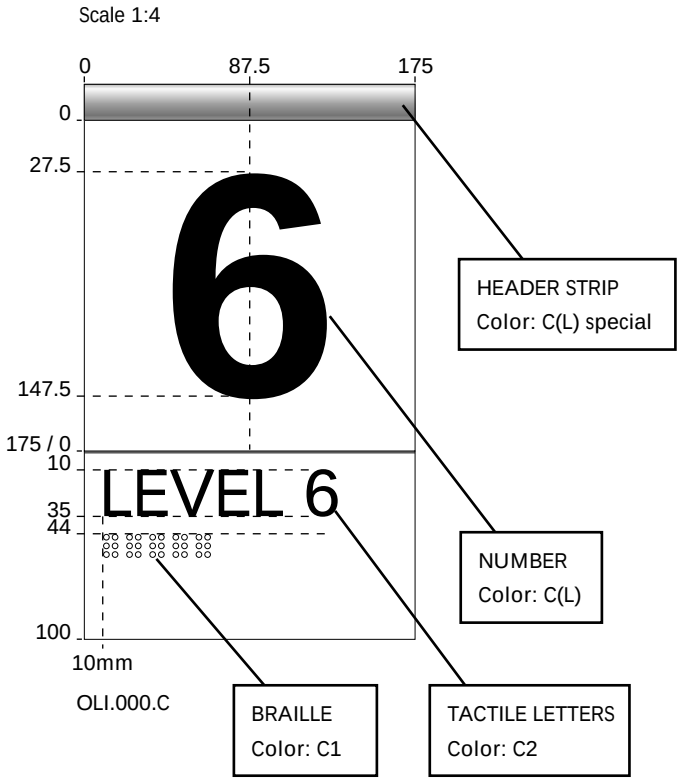


OLI.000.C / IT.000.C / NTB.000.C

Module Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	175 x 294	1/8" acrylic		Permanent
Header Strip	175 x 19	3/4" aluminum half-round		Permanent
Pictograph Panel	175 x 175	1/8" acrylic		Permanent
ADA Panel	175 x 100	1/8" photopolymer	Dado/top	Permanent

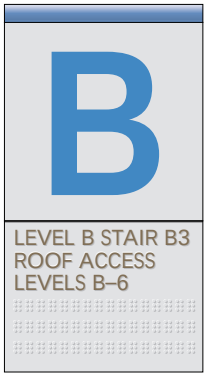
Module OLI.000.C
Graphic Specifications



Module N
Orientation Stairwell
OSW.000.N

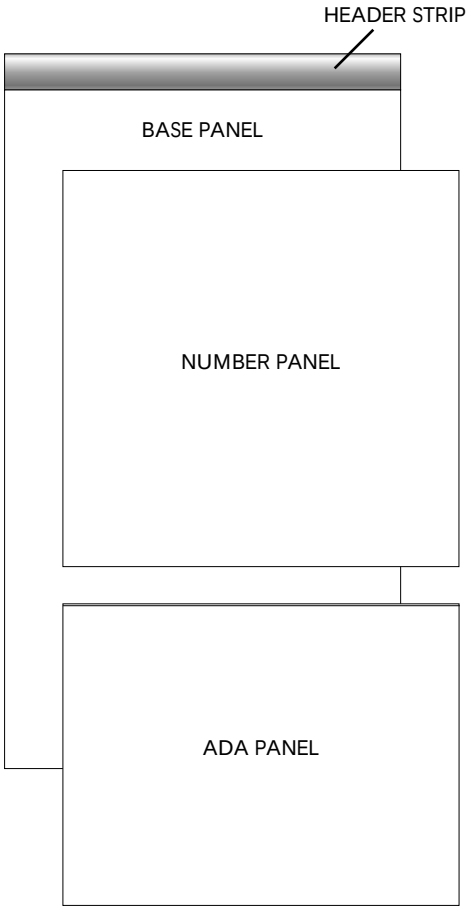
Module N is used for level orientation within stairwells. It consists of a Base Panel and Header Strip to which are added a Number Panel and an ADA-compliant tactile message panel.

TYPE SIZE: 18mm Cap Height (72 point).



Module N Construction

Scale 1:4



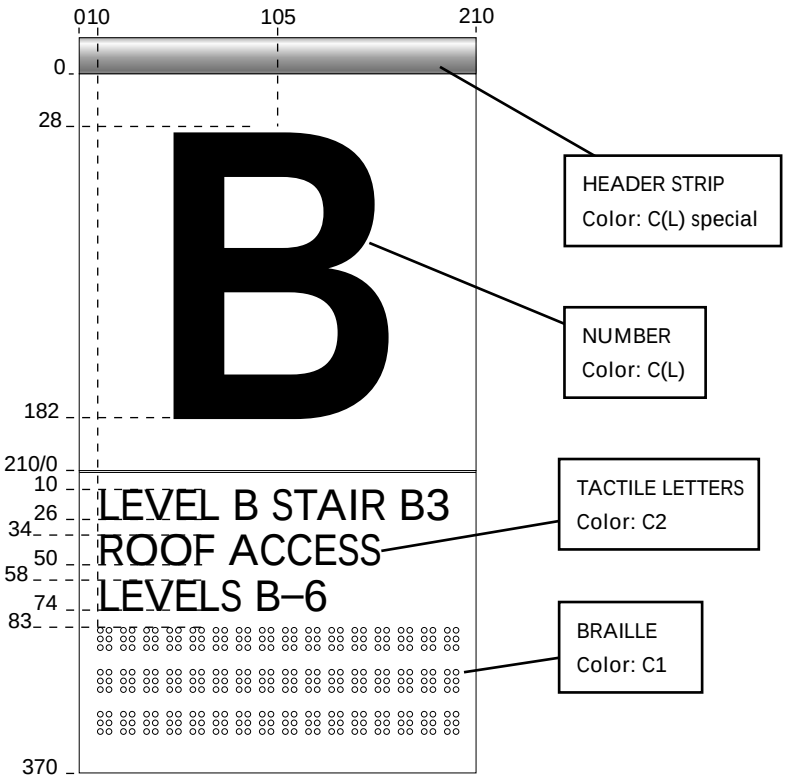
OSW.000.N

Module OSW.N Dimensions

PANEL	W x H (mm)	MATERIAL	DETAIL	STATUS
Base Panel	210 x 389	1/8" acrylic		Permanent
Header Strip	210 x 19	3/4" aluminum half-round		Permanent
Number Panel	210 x 210	1/8" acrylic		Permanent
ADA Panel	210 x 160	1/8" photopolymer	Dado/top	Permanent

Module N
Graphic Specifications

Scale 1:4



OSW.000.N

Location-Specific Information

Summary

Implemented Signage Programs

This page lists the signage programs which are essentially complete (indicated with an *), or partially implemented, as of January 1, 2000. It serves to provide the basic information as to which colors are used in a particular building. For detailed information about the completed programs, see the following pages.

Color Code Description

The sign system is designed to facilitate wayfinding for visitors to a complex site. A fundamental feature of the system is the convention of Level (or Building) Color Codes. In certain large buildings each level is assigned a distinctive color. Within each sign unit, items such as the Header Strip, room numbers, and pictographs are called out in the code color for that particular level. In the case of the Advanced Light Source area, the color distinction is made between adjoining buildings with interior communication. The module description pages provide specific information about individual signs.

A list of color codes used in buildings 6, 10 and 80 is shown on the following page.

Color of Level

In this project, color of level refers to the *building* in which the sign is located; i.e., when color C(L) is indicated, refer to the Sign Message Inventory, which is divided into lists for Building 80 and Building 6. For example, sign number 203 is listed under Building 6 Level 2R; according to the Color Name Conventions chart it uses color L5 wherever C(L) is indicated.

A special case is the use of Room Numbers. A room number is always printed in the color of the building that the room is located in. A common example of this convention is the Secondary Orientation Module (B); sign number OS.203.B is located on Level 2R of Building 6, but the directory list calls out multiple destinations in Building 80. The Room Numbers and Pictographs associated with these destinations are printed in the Building 80 color.

In the case of the orientation maps, these color details will be included in the digital art files. However, this convention also affects individual message strips on directional units in certain situations, although none are specified in this sign package.

Color Code List

CODE	COLOR SPEC	FUNCTION
LB	*Matthews 76B-4D Antioch Blue*	*not used*
L1	Matthews 57C-4D Airland Blue	Building 80 Color
L2	*Matthews 44C-4B Polo Green*	*not used*
L3	*Matthews 36B-4A Pigskin*	*not used*
L4	*Matthews 11B-4D Light Earth*	*not used*
L5	Matthews 1C-4D Rich Plum	Building 6 Color
L6	*Matthews 72C-4D Violet Sequin*	*not used*
LBS	*Matthews 76B-27 Breton*	*not used*
L1S	Matthews 57C-2T Aquamarine Blue	Building 80 Secondary Color
L2S	*Matthews 44C-2T Village Green*	*not used*
L3S	*Matthews 36B-2D Harvest*	*not used*
L4S	*Matthews 11B-1P Country Way*	*not used*
L5S	Matthews 1C-2T September Glory	Building 6 Secondary Color
L6S	*Matthews 72C-2T Savon Star*	*not used*
C(L)*	Color (of Level) to indicate variable elements	Read, “of Building”. Abbreviation used in module layout pages
C(L)S	Secondary Color (of Level)	Accent color based on Level Color; used in orientation maps for contrast
C1	Matthews Nuance 13A-3P Alabaster	Sign base color
C2	Pantone Warm Gray 11	Default message type color (unless noted)
WH	White	Used in orientation maps and some pictographs
P300	Pantone 300 CV	Accessibility pictograph
P388	Pantone 388 CV	You Are Here symbol in orientation maps (alternate color)
P1375	Pantone 1375 CV	You Are Here symbol in orientation maps

Wayfinding

Wayfinding Program Objectives

1. To establish a program of user-friendly information which visitors can employ to navigate throughout the variety of buildings currently defined as the Building 50 Complex;

2. To provide information to already familiar users of the Building 50 Complex which will assist them in understanding the transition from the existing Building 50A, B, etc. nomenclature to the new wayfinding information program;

3. To develop a system which is robust and comprehensive in the wayfinding information it can provide.

'Visitors' are defined as first-time users from outside the laboratory community as well as laboratory members attempting to find unfamiliar destinations.

Wayfinding Program Approach

Simple observation has verified that the current approach to Building 50 Complex orientation and identification — designating buildings within the Complex by the addition of a letter — does little to aid visitors or staff in the navigation of the facility.

Three aspects of the physical environment were analyzed for their potential contribution to a successful wayfinding program:

1. The ability to make all horizontal planes function within the context of 'level';

2. The ability to use room numbers as an ordering and orienting principle;

3. The ability to establish easy-to-use and meaningful vertical orienting mechanisms.

The result of this investigation revealed that all three aspects of the physical environment yielded effective wayfinding elements which could be combined into a comprehensive program allowing users who understand and employ the system to navigate to the level of the room number destination.

The program relies on the following parameters for its definition:

1. The use of color coding to help distinguish and reinforce the concept of 'levels';

2. The use of North Elevator and South Elevator as key orienting designations for establishing vertical movement awareness; and

3. The use of a room number which through color and hierarchical coding, gives tremendous orienting information — from level, to general positioning, to specific room identification. Once the wayfinding system is comprehended, these four digits which proceed the textual description of the destination can deliver all the orienting information required for successful navigation of the Complex.

Wayfinding Message Sequence

Generally, information can be ordered alphabetically, numerically, or by importance. Because of the extremely significant contribution which the room numbering component offered, we have used it as the primary wayfinding element, and given it a priority status within the organization of our destination information.
The room number identification is the first piece of information presented to the visitor.

Public service destinations (identified with the standard international pictograph) follow Room Number destinations in the message sequence. This allows all room numbers to be shown in an uninterrupted sequential fashion, implying the reality of the physical space as well.

The successful realization of this proposed wayfinding approach will only be attained if the stated organizing elements, principles and relationships are maintained throughout its implementation.

Color Code Description

The sign system is designed to facilitate wayfinding for visitors to a complex site. A fundamental feature of the system is the convention of Level Color Codes. Each of the seven levels is assigned a distinctive color. Within each sign unit, items such as the Header Strip, room numbers, and pictographs are called out in the code color for that particular level. The attached module description pages provide specific information about individual signs.

A list of the color codes that are used in this project is on the following page.

Color of Level
Color of level usually refers to the level on which the sign is located; i.e., when color C(L) is indicated, refer to the sign number code. For example, if the sign number is 503, then use color L5. The crucial exception is the use of Room Numbers. A room number is always printed in the color of the level that room is on. A common example of this convention is the Secondary Orientation Module (B); sign number OS.101.B is located on Level 1, but the directory list calls out multiple destinations on the Main Level. The Room Numbers and Pictographs associated with these destinations are printed in color L4, the Main Level color.

In the case of the orientation maps, these color details are included in the digital art files. For reference purposes, the following is a brief summary of the rules for color use in directory listings (Modules A and B).

1. Header information ("Level 6 Map Key") in sign level color ("L6").

2. Room Numbers and Pictographs in destination Level Color.

3. Text in color C2 except:

   a) In the phrases "North Elevator to:" and "South Elevator to:", the words "North Elevator" and "South Elevator" are in the sign Level Color.

   b) On certain directory panels, in the phrases "SOUTH ELEVATOR from MAIN LEVEL to:" and "NORTH ELEVATOR from MAIN LEVEL to:", the words "SOUTH ELEVATOR", "NORTH ELEVATOR" and "MAIN ELEVATOR" are in the Main Level Color (L4).

The rules for color use in directional message strips (Modules F and G) are similar:

1. Room Numbers and Pictographs in destination Level Color. This may not be the same as the sign Level Color.

2. Text in color C2 except in the phrases "North Elevator to:" and "South Elevator to:", the words "North Elevator" and "South Elevator" are in sign Level Color.

Color Code List

CODE	COLOR SPEC	FUNCTION
LB	Matthews 76B-4D Antioch Blue	Level B Color
LBS	Matthews 76B-27T Breton	Level B Secondary Color
L1	Matthews 57C-4D Airland Blue	Level 1 Color
L1S	Matthews 57C-2T Aquamarine Blue	Level 1 Secondary Color
L2	Matthews 44C-4B Polo Green	Level 2 Color
L2S	Matthews 44C-2T Village Green	Level 2 Secondary Color
L3	Matthews 36B-4A Pigskin	Level 3 Color
L3S	Matthews 36B-2D Harvest	Level 3 Secondary Color
L4	Matthews 11B-4D Light Earth	Main Level Color
L4S	Matthews 11B-1P Country Way	Main Level Secondary Color
L5	Matthews 1C-4D Rich Plum	Level 5 Color
L5S	Matthews 1C-2T September Glory	Level 5 Secondary Color
L6	Matthews 72C-4D Violet Sequin	Level 6 Color
L6S	Matthews 72C-2T Savon Star	Level 6 Secondary Color
C(L)	Color (of Level)	Abbreviation used in module layout pages to indicate elements that vary in color according to level*
C(L)S	Secondary Color (of Level)	Accent color based on Level Color; used in orientation maps for contrast
C1	Matthews Nuance 13A-3P Alabaster	Sign base color
C2	Pantone Warm Gray 11	Default message type color (unless noted)
WH	White	Used in orientation maps and some pictographs
P300	Pantone 300 CV	Accessibility pictograph
P388	Pantone 388 CV	You Are Here symbol in orientation maps (alternate color)
P1375	Pantone 1375 CV	You Are Here symbol in orientation maps

Color Code Description

Building 51 uses a single color for all levels.

A list of the color codes used in this project is on the following page.

Color of Level

In this project, color of level refers to the *building* in which the sign is located; i.e., when color C(L) is indicated, refer to the color code list on the following page for the Buiding Color. In this case, Building 51 and its sub-buildings, such as 51L, all use the same color palette.

Color Code List

CODE	COLOR SPEC	FUNCTION
LB	*Matthews 76B-4D Antioch Blue*	*not used*
L1	*Matthews 57C-4D Airland Blue*	*not used*
L2	*Matthews 44C-4B Polo Green*	*not used*
L3	*Matthews 36B-4A Pigskin*	*not used*
L4	*Matthews 11B-4D Light Earth*	*not used*
L5	Matthews 1C-4D Rich Plum	Building 51 Color
L6	*Matthews 72C-4D Violet Sequin*	*not used*
LBS	*Matthews 76B-27 Breton*	*not used*
L1S	*Matthews 57C-2T Aquamarine Blue*	*not used*
L2S	*Matthews 44C-2T Village Green*	*not used*
L3S	*Matthews 36B-2D Harvest*	*not used*
L4S	*Matthews 11B-1P Country Way*	*not used*
L5S	Matthews 1C-2T September Glory	Building 51 Secondary Color
L6S	*Matthews 72C-2T Savon Star*	*not used*
C(L)*	Color (of Level)	Read, "of Building". Abbreviation used in module layout pages to indicate variable elements
C(L)S	Secondary Color (of Level)	Accent color based on Level Color; used in orientation maps for contrast
C1	Matthews Nuance 13A-3P Alabaster	Sign base color
C2	Pantone Warm Gray 11	Default message type color (unless noted)
WH	White	Used in orientation maps and some pictographs
P300	Pantone 300 CV	Accessibility pictograph
P388	Pantone 388 CV	You Are Here symbol in orientation maps (alternate color)
P1375	Pantone 1375 CV	You Are Here symbol in orientation maps

Color Code Description

The sign system is designed to facilitate wayfinding for visitors to a complex site. A fundamental feature of the system is the convention of Level (or Building) Color Codes. In certain large buildings each level is assigned a distinctive color. Within each sign unit, items such as the Header Strip, room numbers, and pictographs are called out in the code color for that particular level. In the case of the Genome Sciences Laboratory, the color distinction is made between the three "modules", or wings, of Building 84 (West, Central, East). The module description pages provide specific information about individual signs.

A list of color codes used in this project is on the following page.

Color of Level

In this project, color of level refers to the *wing* in which the sign is located; i.e., when color C(L) is indicated, refer to the Sign Message Inventory, which is divided into West, Central, and East by level. For example, if sign number XXX is listed under Building 84 West Level 2; according to the Color Name Conventions chart it uses color LB wherever C(L) is indicated in the module description.

A special case is the use of Room Numbers. In other areas of the Lab, in directional signage a room number is always printed in the color of the level or building that the room is located in. Directional sign units in the HGC do not observe this distinction; all symbols and room numbers on the sign conform to the color of the sign *location*. The convention *is* observed in the Orientation modules; in this case, these color details will be included in the digital art files.

Color Code List

CODE	COLOR SPEC	FUNCTION
LB	Matthews 76B-4D Antioch Blue	Building 84 West Color
L1	Matthews 57C-4D Airland Blue	Building 84 East Color
L2	*Matthews 44C-4B Polo Green*	*not used*
L3	*Matthews 36B-4A Pigskin*	*not used*
L4	Matthews 11B-4D Light Earth	Building 74 Color
L5	Matthews 1C-4D Rich Plum	Building 84 Central Color
L6	*Matthews 72C-4D Violet Sequin*	*not used*
LBS	Matthews 76B-27 Breton	Building 84 West Secondary Color
L1S	Matthews 57C-2T Aquamarine Blue	Building 84 East Secondary Color
L2S	*Matthews 44C-2T Village Green*	*not used*
L3S	*Matthews 36B-2D Harvest*	*not used*
L4S	Matthews 11B-1P Country Way	Building 74 Secondary Color
L5S	Matthews 1C-2T September Glory	Building 84 Central Secondary Color
L6S	*Matthews 72C-2T Savon Star*	*not used*
C(L)*	Color (of Level)	Read, “of Building” or “of Module”. Abbreviation used in module layout pages to indicate variable elements
C(L)S	Secondary Color (of Level)	Accent color based on Level Color; used in orientation maps for contrast
C1	Matthews Nuance 13A-3P Alabaster	Sign base color
C2	Pantone Warm Gray 11	Default message type color (unless noted)
WH	White	Used in orientation maps and some pictographs
P300	Pantone 300 CV	Accessibility pictograph
P388	Pantone 388 CV	You Are Here symbol in orientation maps (alternate color)
P1375	Pantone 1375 CV	You Are Here symbol in orientation maps

Color Code Description

Building 100 uses a single color for the entire building.

A list of the color codes used in this project is on the following page.

Color of Level

In this project, color of level refers to the *building* in which the sign is located; i.e., when color C(L) is indicated, refer to the color code list on the following page for the Buiding Color. In this case, Building 100 is a single-story structure with a simple color palette.

Color Code List

CODE	COLOR SPEC	FUNCTION
LB	*Matthews 76B-4D Antioch Blue*	*not used*
L1	*Matthews 57C-4D Airland Blue*	*not used*
L2	*Matthews 44C-4B Polo Green*	*not used*
L3	*Matthews 36B-4A Pigskin*	*not used*
L4	Matthews 11B-4D Light Earth	Building 100 Color
L5	*Matthews 1C-4D Rich Plum*	*not used*
L6	*Matthews 72C-4D Violet Sequin*	*not used*
LBS	*Matthews 76B-27 Breton*	*not used*
L1S	*Matthews 57C-2T Aquamarine Blue*	*not used*
L2S	*Matthews 44C-2T Village Green*	*not used*
L3S	*Matthews 36B-2D Harvest*	*not used*
L4S	Matthews 11B-1P Country Way	Building 100 Secondary Color
L5S	*Matthews 1C-2T September Glory*	*not used*
L6S	*Matthews 72C-2T Savon Star*	*not used*
C(L)*	Color (of Level)	Read, "of Building". Abbreviation used in module layout pages to indicate variable elements
C(L)S	Secondary Color (of Level)	Accent color based on Level Color; used in orientation maps for contrast
C1	Matthews Nuance 13A-3P Alabaster	Sign base color
C2	Pantone Warm Gray 11	Default message type color (unless noted)
WH	White	Used in orientation maps and some pictographs
P300	Pantone 300 CV	Accessibility pictograph
P388	*Pantone 388 CV*	*You Are Here symbol in orientation maps (alternate color)*
P1375	Pantone 1375 CV	You Are Here symbol in orientation maps
PCG5	Pantone Cool Gray 5	Inset site map in orientation maps

Color Code Description

Building 400 uses a single color for the entire building.

A list of the color codes used in this project is on the following page.

Color of Level
In this project, color of level refers to the *building* in which the sign is located; i.e., when color C(L) is indicated, refer to the color code list on the following page for the Buiding Color. In this case, Building 400 is a single-story structure with a simple color palette.

Color Code List

CODE	COLOR SPEC	FUNCTION
LB	*Matthews 76B-4D Antioch Blue*	*not used*
L1	Matthews 57C-4D Airland Blue	Building 400 Color
L2	*Matthews 44C-4B Polo Green*	*not used*
L3	*Matthews 36B-4A Pigskin*	*not used*
L4	*Matthews 11B-4D Light Earth*	*not used*
L5	*Matthews 1C-4D Rich Plum*	*not used*
L6	*Matthews 72C-4D Violet Sequin*	*not used*
LBS	*Matthews 76B-27 Breton*	*not used*
L1S	Matthews 57C-2T Aquamarine Blue	Building 400 Secondary Color
L2S	*Matthews 44C-2T Village Green*	*not used*
L3S	*Matthews 36B-2D Harvest*	*not used*
L4S	*Matthews 11B-1P Country Way*	*not used*
L5S	*Matthews 1C-2T September Glory*	*not used*
L6S	*Matthews 72C-2T Savon Star*	*not used*
C(L)*	Color (of Level)	Read, "of Building". Abbreviation used in module layout pages to indicate variable elements
C(L)S	Secondary Color (of Level)	Accent color based on Level Color; used in orientation maps for contrast
C1	Matthews Nuance 13A-3P Alabaster	Sign base color
C2	Pantone Warm Gray 11	Default message type color (unless noted)
WH	White	Used in orientation maps and some pictographs
P300	Pantone 300 CV	Accessibility pictograph
P388	*Pantone 388 CV*	*You Are Here symbol in orientation maps (alternate color)*
P1375	Pantone 1375 CV	You Are Here symbol in orientation maps
PCG5	Pantone Cool Gray 5	Inset site map in orientation maps

Color Code Description

Building 937 uses a single color for the entire building.

A list of the color codes used in this project is on the following page.

Color of Level

In this project, color of level refers to the *building* in which the sign is located; i.e., when color C(L) is indicated, refer to the color code list on the following page for the Buiding Color. In this case, Building 937 is a multi-story structure with a simple color palette.

Color Code List

CODE	COLOR SPEC	FUNCTION
LB	Matthews 76B-4D Antioch Blue	Building 937 Color
L1	*Matthews 57C-4D Airland Blue*	*not used*
L2	*Matthews 44C-4B Polo Green*	*not used*
L3	*Matthews 36B-4A Pigskin*	*not used*
L4	*Matthews 11B-4D Light Earth*	*not used*
L5	*Matthews 1C-4D Rich Plum*	*not used*
L6	*Matthews 72C-4D Violet Sequin*	*not used*
LBS	Matthews 76B-27 Breton	Building 937 Secondary Color
L1S	*Matthews 57C-2T Aquamarine Blue*	*not used*
L2S	*Matthews 44C-2T Village Green*	*not used*
L3S	*Matthews 36B-2D Harvest*	*not used*
L4S	*Matthews 11B-1P Country Way*	*not used*
L5S	*Matthews 1C-2T September Glory*	*not used*
L6S	*Matthews 72C-2T Savon Star*	*not used*
C(L)*	Color (of Level)	Read, "of Building". Abbreviation used in module layout pages to indicate variable elements
C(L)S	Secondary Color (of Level)	Accent color based on Level Color; used in orientation maps for contrast
C1	Matthews Nuance 13A-3P Alabaster	Sign base color
C2	Pantone Warm Gray 11	Default message type color (unless noted)
WH	White	Used in orientation maps and some pictographs
P300	Pantone 300 CV	Accessibility pictograph
P388	*Pantone 388 CV*	*You Are Here symbol in orientation maps (alternate color)*
P1375	Pantone 1375 CV	You Are Here symbol in orientation maps

Color Swatches

Interior

These color swatches are approximations for identification purposes only, and are not to be used for color matching. See manufacturer's swatch books for authoritative colors.

CODE	VENDOR CODE	COLOR NAME
LB	Matthews 76B-4D	Antioch Blue
LBS	Matthews 76B-2T	Breton
L1	Matthews 57C-4D	Airland Blue
L1S	Matthews 57C-2T	Aquamarine Blue

Interior

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CODE	VENDOR CODE	COLOR NAME
L2	Matthews 44C-4B	Polo Green
L2S	Matthews 44C-2T	Village Green
L3	Matthews 36B-4A	Pigskin
L3S	Matthews 36B-2D	Harvest

Interior

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CODE	VENDOR CODE	COLOR NAME
L4	Matthews 11B-4D	Light Earth
L4S	Matthews 11B-1P	Country Way
L5	Matthews 1C-4D	Rich Plum
L5S	Matthews 1C-2T	September Glory

Interior

These color swatches are approximations for identification purposes only, and are not to be used for color matching. See manufacturer's swatch books for authoritative colors.

CODE	VENDOR CODE	COLOR NAME
L6	Matthews 72C-4D	Violet Sequin
L6S	Matthews 72C-2T	Savon Star
C1	Matthews 13A-3P	Alabaster
C2	Pantone Warm Gray 11 CV	Message Gray

Interior

These color swatches are approximations for identification purposes only, and are not to be used for color matching. See manufacturer's swatch books for authoritative colors.

CODE	VENDOR CODE	COLOR NAME
P300	Pantone 300 CV	[Accessibility Pictograph]
P388	Pantone 388 CV	[You Are Here] alternate
P1375	Pantone 1375 CV	[You Are Here]
WH	[none]	White